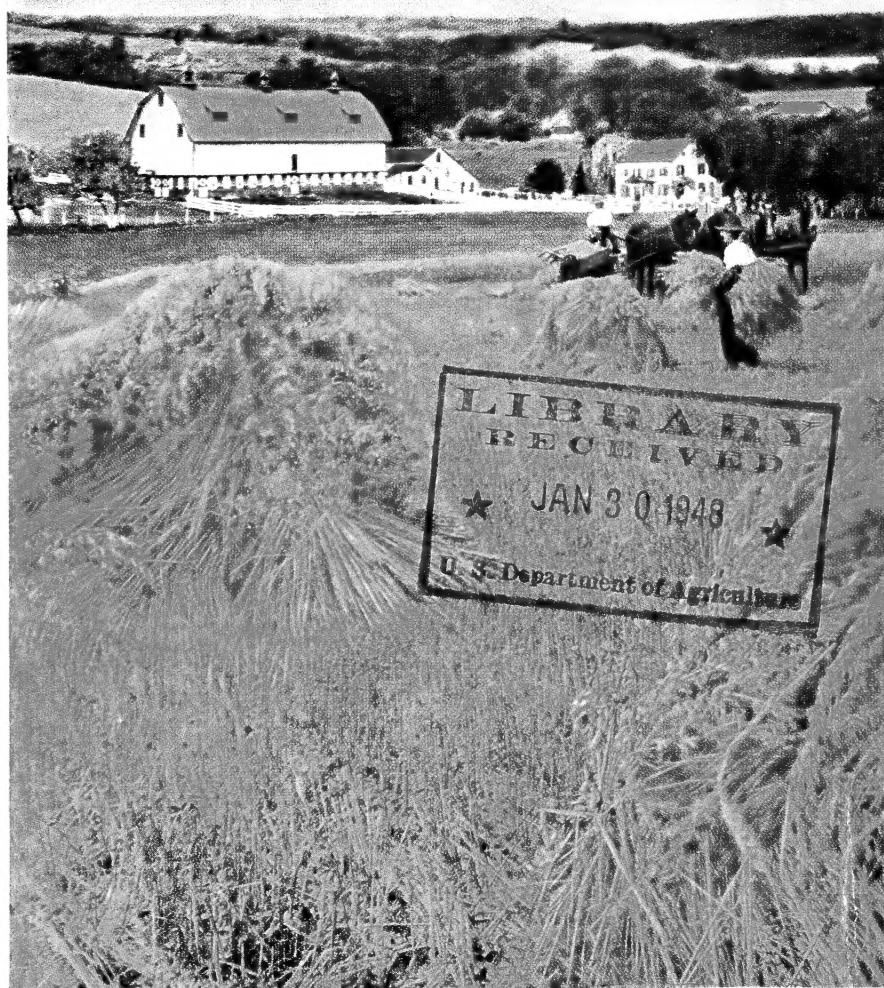


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# Meyer Seeds



## 38th EDITION - 1948

**SWEET CORN, Golden Cross Bantam.** The ideal garden Sugar Corn. Pkt. 10c;  $\frac{1}{2}$ pt. 35c; pt. 60c; qt. \$1.15;  $\frac{1}{2}$ pk. \$3.25; pk. \$6.00.

**PEAS, Thomas Laxton.** The old standby, known for its luscious flavor, productiveness and adaptability to freezing. Pkt. 10c;  $\frac{1}{2}$ pt. 25c; pt. 40c; qt. 75c;  $\frac{1}{2}$ pk. \$2.25; pk. \$4.00.

**SPINACH, New Long-standing Bloomsdale.** Outstanding for its crumpled leaves and resistance to heat. Pkt. 10c; oz. 15c;  $\frac{1}{4}$ lb. 25c; lb. 60c.

**TOMATO, Valiant.** Extra early, extra solid, extra large; heavy foliage to protect fruit from sun. Pkt. 15c;  $\frac{1}{2}$ oz. 40c; oz. 75c;  $\frac{1}{4}$ lb. \$2.50; lb. \$7.50.

**Quantity price on any of the above on request.**

### SPECIAL OFFER

$\frac{1}{2}$ pt. Sweet Corn, Golden Cross Bantam.  
1pt. Peas, Thomas Laxton.  
1 oz. Spinach, New Long Standing Bloomsdale.  
1 pkt. Tomato, Valiant.  
**90c, postpaid \$1.00**



**The MEYER SEED CO.** 1-3-5 E. LOMBARD ST. S.E. Cor. CHARLES ST. Tel. Lex. - 6170-6171 **BALTIMORE, 2, MD.**





## M.-S. LAWN GRASSES BACKED BY MANY YEARS' REPUTATION

Next to the house, the most important thing about a home is a beautiful lawn, and to establish a lawn which will retain its rich green color and springy velvety turf throughout the entire summer and fall, we have prepared several mixtures of the best grasses to which just enough clover has been added to make it the best possible for this purpose; we also have some mixtures without clover. With our clean grass seed, free from weed seed, to start with, it is easy to have a turf of which you will be proud. For making a new lawn, 75 to 100 pounds per acre are required, or for renovating old lawns, 40 to 50 pounds per acre. To bring this down to small lawns, a plot 10 by 20, or 200 square feet, requires 1 pound for a new lawn or  $\frac{1}{2}$  pound for renovating.

**M.-S. GUILFORD GARDEN CLUB MIXTURE.** This is a special mixture which is used extensively in the Guilford, Homeland, and Roland Park sections of Baltimore. No clover.

**Lb. 75c; 3 lbs. \$2.20; 5 lbs. \$3.60; 10 lbs. \$7.00; bus. (30 lbs.) \$19.00**

**M.-S. SHADY NOOK GRASS.** This fine mixture is made up of grasses which will thrive in shade and will give you a nice green carpet under your trees. Contains no clover.

**Lb. 65c; 3 lbs. \$1.90; 5 lbs. \$3.15; 10 lbs. \$6.10; bus. (30 lbs.) \$17.00**

**EVERGREEN LAWN GRASS.** Composed of grasses and clover which make a quick, lasting lawn.

**Lb. 50c; 3 lbs. \$1.45; 5 lbs. \$2.25; 10 lbs. \$4.25; bus. (30 lbs.) \$11.50**

**FESCUE, CHEWING'S.** For shady situations and fine lawns, this grass has no equal. **Lb. 75c.**

**SERVICE DEPARTMENT.** Our Service Department is thoroughly equipped with the most modern machinery to give prompt and efficient service by our skilled mechanics. We repair, sharpen, or adjust any model Power or Hand Mower. All work called for and delivered. Get our estimates on your requirements.

**M.-S. ROLAND PARK LAWN GRASS.** This popular, widely used mixture contains the best of grasses and white clover.

**Lb. 60c; 3 lbs. \$1.75; 5 lbs. \$2.85; 10 lbs. \$5.50; bus. (30 lbs.) \$15.75**

**M.-S. TERRACE MIXTURE.** This consists of quick-growing, deep-rooted grasses and white clover, which will prevent washing. It is the finest Terrace Mixture we have ever seen.

**Lb. 60c; 3 lbs. \$1.75; 5 lbs. \$2.85; 10 lbs. \$5.50; bus. (30 lbs.) \$15.75**

**M.-S. BENT GRASS, LAWN AND PUTTING-GREEN MIXTURE.** This mixture is prepared for places where pure Bent Grass lawns are subject to fungus attacks. Without clover, but in addition to Creeping Bent contains the finest grades of Kentucky Blue Grass and Fancy Red-Top. Sow 8 to 10 pounds to 1000 square feet.

**Lb. 75c; 3 lbs. \$2.20; 5 lbs. \$3.60; 10 lbs. \$7.00; bus. (30 lbs.) \$19.00**

**WHITE DUTCH CLOVER.**  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

**CREEPING BENT.** Especially adapted wherever a velvet-like lawn is wanted. **Lb. \$1.25.**

**WEDO.** The new sensational grass grower and weed killer. Contains 2.4-D. Analysis 6-10-4. Suggested rate of application  $1\frac{1}{2}$  lb. per 100 sq. feet. **25 lb. \$2.75; 100 lb. \$7.95.**

*Special prices on grasses in larger quantities on application. If wanted by Parcel Post, add as to zones. PRICES SUBJECT TO CHANGE. All Lawn Grass Mixtures are subject to sales tax.*

**For other Grass Seed and Mixtures see page 25**

**For Lawn Foods and Fertilizers see page 44**



# 1948 GARDEN BOOK

**G**REETINGS! Another year has rolled around and again it is our great privilege to present to you our 1948 Garden Book. Here we have listed and described what we believe to be the best Seeds, Bulbs, Plants, Horticultural, Poultry and Pet Supplies which it is possible to obtain, and we have tried to include in our book as much information as possible to aid you in using our materials. We have spent many years in getting together all of this information, and we hope that you will not only use this book in ordering our goods but will find it a valuable reference work to which you will often refer. Please remember that our motto is "Punctuality, Sterling Quality, Courteous Treatment," and we intend to live up to it.

Our seeds are tested by approved and modern methods, and no inferior seed is knowingly sent to our customers. In spite of this, failures will occur, usually from some cause beyond our control, and while we will do everything in our power to assist our customers, we must advise that our seeds are sold under the following usual non-warranty: "The Meyer Seed Company gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed."

Antirrhinum (Snapdragon) ➡



## CUSTOMERS PLEASE NOTE

**To avoid misunderstanding read these conditions of sale:**

"The maintenance of prices in these unsettled times is a serious problem for anyone publishing a catalog.

"For instance, should you send an order for some item in this catalog on which the published price is no longer correct, we will notify you of the new price and make shipment only after receiving an OK from you."

We aim to give our customers the best service possible. If we make an error, tell us about it and we'll make it right. If there is any information you want in our line of business, write us (if you can't call), and we shall be glad to give it careful attention. Our various departments are in charge of experts who are able to answer intelligently almost all inquiries pertaining to horticulture, agriculture, poultry, and pet stock. Always write inquiries on a sheet separate from your order; it means quicker reply.

The attention of our customers is respectfully called to the following directions which will, if followed, be an aid to purchasers as well as to ourselves.

**How to Send Money.** Remittances may be sent either in the form of a Money Order, Bank Check or Draft, or, if currency is sent, it should be registered. Postage stamps are satisfactory for small amounts.

**Orders from Unknown Correspondents.** We often receive orders from unknown correspondents, without remittances, who request that we forward the goods and payment will be sent later. Please do not ask us to do this unless established credit has been previously arranged with us, as satisfactory business references must always be given by customers wishing to open accounts for credit.

**IMPORTANT.** Merchandise to be returned for credit must be returned within 5 days, in good order, free of expense to us.

Should you want to purchase anything needed in the garden, greenhouse, or farm, not listed in this catalog, we will gladly fill your order at the lowest market price, or quote prices if desired, if available.

**ORDER EARLY.** We would greatly appreciate it if you would send orders for seeds, plants, bulbs, etc., during January and February whenever possible. Shipments will be made when you want the goods, or when ready.

## PARCEL POST RATES

We deliver by PARCEL POST FREE to any post office in the United States all cash orders for Flower and Vegetable Seeds in packets, ounces, and  $\frac{1}{4}$  pounds, unless otherwise noted. No seed delivered free unless order is accompanied with the cash. For postage on Peas, Beans, Corn, Vegetable, and Field Seeds in larger quantities and all merchandise, consult following table. All merchandise other than seeds, bulbs and plants, up to and including 8 ounces in weight, can be sent at the rate of 1 cent an ounce regardless of distance. Over 8 ounces at the Zone Rate.

**NOTE.** When estimating postage on goods not included in our free delivery, bear in mind that while the packing on one pound may weigh only the fraction of a pound, it must be considered as a full pound when adding postage. On larger quantities add postage in proportion.

**You may now send parcels 100 inches, length and girth combined, and up to 70 pounds to all zones.**

When larger quantities are wanted we can pack in two or more parcels if necessary, provided money is remitted to cover postage.

## Parcel Post Rates from Baltimore (Subject to Change)

Articles marked postpaid are sent free only to the 2d zone; for farther distances consult Parcel Post chart.

POUNDS	LOCAL	First and Second Zones, Up to 150 Miles	Third Zone, 150 to 300 Miles	Fourth Zone, 300 to 600 Miles	Fifth Zone, 600 to 1,000 Miles	POUNDS	LOCAL	First and Second Zones, Up to 150 Miles	Third Zone, 150 to 300 Miles	Fourth Zone, 300 to 600 Miles	Fifth Zone, 600 to 1,000 Miles
1	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12	36	\$0.26	\$0.48	\$0.81	\$1.37	\$2.03
2	.09	.11	.12	.15	.18	37	.26	.49	.83	1.40	2.08
3	.09	.12	.14	.18	.23	38	.27	.50	.85	1.44	2.14
4	.10	.13	.16	.22	.28	39	.27	.52	.88	1.47	2.19
5	.10	.14	.18	.25	.34	40	.28	.53	.90	1.51	2.25
6	.11	.15	.20	.29	.39	41	.28	.54	.92	1.55	2.30
7	.11	.16	.22	.32	.44	42	.29	.56	.94	1.59	2.36
8	.12	.17	.24	.36	.50	43	.29	.57	.96	1.62	2.41
9	.12	.18	.26	.39	.56	44	.30	.58	.98	1.66	2.46
10	.13	.19	.28	.43	.61	45	.30	.59	1.00	1.69	2.52
11	.13	.20	.30	.46	.66	46	.31	.60	1.02	1.73	2.58
12	.14	.22	.32	.50	.72	47	.31	.61	1.04	1.76	2.63
13	.14	.23	.34	.54	.77	48	.32	.62	1.06	1.80	2.69
14	.15	.24	.36	.58	.82	49	.32	.63	1.08	1.83	2.74
15	.15	.25	.38	.61	.89	50	.33	.64	1.10	1.87	2.79
16	.16	.26	.40	.65	.94	51	.33	.65	1.12	1.91	2.84
17	.16	.27	.42	.68	.99	52	.34	.67	1.14	1.95	2.90
18	.17	.28	.44	.72	1.05	53	.34	.68	1.16	1.98	2.96
19	.17	.29	.46	.75	1.10	54	.35	.69	1.18	2.02	3.01
20	.18	.30	.48	.79	1.15	55	.35	.70	1.21	2.05	3.07
21	.18	.31	.50	.82	1.21	56	.36	.71	1.23	2.09	3.12
22	.19	.33	.53	.87	1.27	57	.36	.72	1.25	2.12	3.17
23	.19	.34	.55	.90	1.32	58	.37	.73	1.27	2.16	3.23
24	.20	.35	.57	.94	1.37	59	.37	.74	1.29	2.19	3.29
25	.20	.36	.59	.97	1.43	60	.38	.75	1.31	2.24	3.34
26	.21	.37	.61	1.01	1.48	61	.38	.76	1.33	2.27	3.39
27	.21	.38	.63	1.04	1.53	62	.39	.78	1.35	2.31	3.45
28	.22	.39	.65	1.08	1.60	63	.39	.79	1.37	2.34	3.50
29	.22	.40	.67	1.11	1.65	64	.40	.80	1.39	2.38	3.55
30	.23	.41	.69	1.15	1.70	65	.40	.81	1.41	2.41	3.62
31	.23	.42	.71	1.18	1.75	66	.41	.82	1.43	2.45	3.67
32	.24	.44	.73	1.23	1.81	67	.41	.83	1.45	2.48	3.72
33	.24	.45	.75	1.26	1.86	68	.42	.84	1.47	2.52	3.78
34	.25	.46	.77	1.30	1.92	69	.42	.85	1.49	2.55	3.83
35	.25	.47	.79	1.33	1.98	70	.43	.87	1.51	2.60	3.88

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## LAWN-MOWER REPAIRING . . . HAND AND POWER

We have an up-to-date shop equipped with all of the latest machinery and superintended by experts so that we are able to take care of any jobs of any kind on either hand or power lawn mowers. We will call for and deliver work on short notice. Our men are interested in lawn mowers and we are sure their work will please you. Won't you give us an opportunity to prove this?

**THE MEYER SEED CO.,** 1-3-5 EAST LOMBARD ST. S. E. COR. CHARLES ST. BALTIMORE 2, MD.

Telephone: L. E. 6170—6171

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# The Meyer Seed Co. Novelties for Your Flower Garden

Please read this particular page carefully, because it describes the newest and most improved varieties in the Annual Flower line. We are sure that you will want to try most of them in your garden this season.

Flower Seeds Are Subject to Maryland Sales Tax

## AGERATUM, MIDGET BLUE

**301**  *Silver Medal, 1940.* A dwarf, compact plant, 3 to 4 inches tall, covered with rich azure-blue flowers. Fine for edging. Pkt. 15c; large pkt. 25c.

**301A** **THE GOLDEN.** 10 in. Pkt. 20c; 3 pkts. 50c.

**301B** **DWARF WHITE.** 8 in. Pkt. 20c; 3 pkts. 50c.

**301C** **FAIRY PINK.** 8 in. Pkt. 20c; 3 pkts. 50c.

## ANTIRRHINUM (SNAPDRAGON)

**302** **TETRA SNAPS.** Giant ruffled Tetraploid Snapdragons. The largest flowered of all Snapdragons; beautiful colors and combinations. Pkt. 25c; 2 pkts. 45c; 5 pkts. \$1.00.

**303** **SUPER-MAJESTIC RUSTPROOF.** Healthy, base-branching plants with long stems for cutting. A wide range of splendid colors in a superb mixture. Pkt. 15c; large pkt. 25c.

## 304 ASTERS Giants of California

A strain with immense flowers held erect on splendid stems. Plants grow 2½ to 3 feet tall and are generous with their superb flowers.

**AZURE BLUE**      **DARK PURPLE**      **WHITE**  
**CRIMSON**      **DEEP ROSE**

**MIXED** and all the colors. Pkt. 15c; large pkt. 25c.

## CACALIA


(Tassel Flower or Paint Brush)

**305** Tufted tassel flowers that seem to have been dipped in paint of vivid red or golden orange. Pkt. 15c; 2 pkts. 25c.

## CALENDULA, YELLOW COLOSSAL

**306** Perhaps the largest Calendula ever introduced. Flowers are warm golden yellow, noted for their vigorous growth and their pleasingly curled petals and compact form. Pkts. 15c and 25c.

## CLEOME, PINK QUEEN

**307**  *Silver Medal.* Flowers of this fine Spider Plant open clear pink and turn white. Bloom is in 6-inch heads which extend themselves as the lower flowers turn into seeds so that it is never out of bloom from early summer to frost. Pkt. 25c.

## COSMOS, RADIANCE

**308A** The first big postwar novelty. Winner of the highest award in the 1948 All-America Trials. Radiance introduces two entirely new colors in Sensation Cosmos—striking deep rose and rich crimson in the first bicolor Cosmos ever to be developed. Destined for immediate popularity in the nation's gardens. Pkt. 25c; 3 pkts. 70c.

## TAHOKA DAISY

**309** A dwarf blue Daisy, blooming all summer. Large blue flowers, small yellow center. Long stem; fern-like foliage. Pkt. 15c; large pkt. 25c.

## DIANTHUS HEDDENSIS WESTWOOD BEAUTY

**311** Single flowers from 1½ to 2¼ inches across, deeply laciniated, in shades of crimson and scarlet. Some have white edgings. Stems 16 inches long, fine for cutting. Pkt. 15c; large pkt. 25c.

## CHRYSANTHEMUMS ARCTIC HYBRIDS

**321A** Flower first season and live for years. Big, single flowers in richly varied colorings. Free blooming, extremely hardy. Pkt. 25c; 3 pkts. 70c.

## CHRYSANTHEMUMS

### KOREAN HYBRIDS

**322A** Flower first season and live for years. Flowers in many flower tones, always with radiant lustre. Single to semi-double. Early. Decidedly hardy. Pkt. 25c; 3 pkts. 70c.

## STRAWBERRIES FROM SEED

**311A** **RUNNERLESS HARZLAND.** Compact plants bearing medium-size, aromatic, sweet berries all through the growing season. Sow seed very early. Will bear by August and next spring they will bear from June to frost. Pkt. 25c; 3 pkts. 70c; 5 pkts. \$1.00.


## HOUSE PLANTS


**309A** Surprise after surprise awaits you after planting these fascinating seeds. Pkt. 25c.

## JOHNNY JUMP-UPS


**310A** **DAWSIDE STRAIN.** Wide range of color variation. Stands summer heat. Treat as annual. Pkt. 15c; 2 pkts. 25c.

## MARIGOLD


**316**  *Silver Medal.* Compact plants 18 inches high, with flowers 1¾ inches across, ranging from red through bronze, with some yellow. Pkts. 15c and 25c.

**315**  *Bronze Medal.* The largest of all carnation-flowered Marigolds. Giant exhibition blooms 4½ inches and more across, very deep and double, golden orange illumined with yellow. Plants grow 20 to 25 inches tall—ideal for beds and borders. Pkts. 15c and 25c.


**315A** **LIMELIGHT.** African. The lightest Marigold. 20 in. Pale, creamy primrose; very double; petals incurved. Pkt. 15c; 2 pkts. 25c.

**320**  *Bronze Medal, 1941.* Beautiful, compact flowers of rich golden orange. The plants are strong-growing, branching freely from the base, and producing a heavy crop of bloom. Pkt. 15c; large pkt. 25c.


**MIXED.** A fine mixture in orange and yellow tones. Pkt. 15c.

**317**  *Silver Medal, 1941.* This prize-winner is a great improvement over the favorite, Harmony. Several rows of maroon petals surround a lovely tuft of golden orange. Low, bushy plants hidden by masses of bloom. Pkts. 15c and 25c.

## PETUNIA

**313**  *Every plant is a perfect mound of white, 8 to 10 inches high, reminding one of an Eskimo igloo.* Pkt. 25c.

**313A** **SALMON SUPREME.** A lovely salmon-pink. Pkt. 20c; 3 pkts. 50c.

**314**  *English Violet.* All the flowers on a plant are the same shade and hold this uniform color from the time they first open until the last bloom. 12 inches tall. Pkt. 25c.

## THE BABY SALVIA MYCROPHYLLA

**312A** A rare Mexican species. The smallest and most compact of Salvias. The plants are shaped like the upper half of an hour glass with olive-green foliage. The flowers are carmine suffused coral-rose; very lovely. 16 in. Pkt. 25c; 3 pkts. 70c.

## ZINNIA

**318** **CACTUS-FLOWERING GIANT IMPROVED FANTASY, MIXED.** This new strain of Zinnia provides a vast array of gorgeous flowers which have long, curved, and pointed petals resembling those of a night-flowering Cactus. Each flower is over 4 inches across and almost 2 inches deep. Pkt. 15c; large pkt. 25c.

**319** **GIANT CRESTED HOWARD.** Highly artistic blooms measuring 4 to 5 inches in diameter and combining a row of broad outer petals with a heavily crested center. Many bright and charming colors with shades of orange, scarlet, yellow, rose, maize, and crimson predominating. Vigorous growth, free blooming, and coming from 85 to 90 per cent true. Pkt. 15c; large pkt. 25c.



# VEGETABLE PLANTING CHART

ATTENTION! (READ STRAIGHT ACROSS)



NAME	Seed Required for 50 ft. Row	Time to Start Seed in Hotbed or Green-house	Time to Transplant Seedlings to Garden	Time to Sow Seed in Open Garden	Rows Apart (Feet)	Plants Apart in Row (Inches)	Depth of Planting (Inches)
Beans, Bush.....	1 pt.	February	April	April-May	1½-2	4	1½
Beans, Pole.....	½ pt.			May	4	36	1½-2
Beans, Lima, Bush.....	½ pt.			May 15	1½-2	4	1½-2
Beans, Lima, Pole.....	½ pt.			May 15	4	36	1½-2
Beets, Early.....	1 oz.			April	1½	4	1½
Beets, Late.....	1 oz.			June-July	1½	4	1½
Carrot, Early.....	½ oz.			April	1½-2	2-4	1½
Carrot, Late.....	½ oz.			July-Aug.	1½-2	2-4	1½
Chard, Swiss.....	1 oz.			April	1½	6-8	¾
Cress.....				April-May	1-1½	2-3	1½
Dill.....		Feb.-Mar.	April 15	April	1½	4-6	1½
Endive.....	¼ oz.			April	1-1½	8-12	1½
Lettuce.....	¼ oz.			April	1½-2	8-12	1½
Mustard.....	1 oz.			April	1½-2	8-10	1½
Onions, Sets.....	1 qt.			April	1-1½	2-3	1½
Peas.....	½ pt.			April	6-8	6	2
Potato, Early.....	4-5 lbs.			April	Double Row	6-8	4
Radish.....	½ oz.			April		1-3	½



## ALL SEASON

Artichoke, Jerusalem.....	4-5 lbs.	March Feb.-Mar.	May	April	3-4	24-36	4
Broccoli.....	¼ oz.			April-May	2½-3	24	½-1
Brussels Sprouts.....	¼ oz.			April	2½-3	18-24	½
Cabbage, Early.....	¼ oz.			April	2-3	24	½
Cabbage, Late.....	¼ oz.	Feb.-Mar.	May	May	2-3	24	½
Cabbage, Savoy.....	¼ oz.			May	2-3	24	½
Cardoon.....	¼ oz.				3	18	½
Cauliflower.....	¼ oz.				2-3	15	½
Celeriac.....	¼ oz.	March	May	April	2	9	¼
Celery.....	¼ oz.	Feb.-Mar.	May-June	April	2-3	6-8	¼
Chicory.....				April	1-2	10-12	¼
Collards.....	¼ oz.	Feb.-Mar.		May	3	24-36	½
Corn, Sweet.....	½ pt.			May	3	24-36	1
Cucumbers.....	½ oz.	Feb.-Mar.	May	May-June	3-4	36-48	1
Eggplant.....	¼ oz.				3	24	½
Kale (see Broccoli above)							
Kohlrabi.....	¼ oz.	April	June	April	1½-2	8-12	½
Leek.....	¼ oz.			April	1½-2	4-6	½
Muskmelon.....	¼ oz.			May	3-4	36-48	1
Okra.....	1 oz.			May	3	12	½
Parsley.....	¼ oz.	Feb.-Mar.	May	April	1	4-6	½
Parsnip.....	¼ oz.			April	1½	4	½
Peppers.....	¼ oz.			May	2	24	½
Potato, Late.....	4-5 lbs.			May-June	3	6-8	4
Pumpkins.....	½ oz.	March	May-June	May	4-5	36-48	1
Rutabaga.....	½ oz.			April	2½	8-12	½
Salsify.....	1 oz.			April	1½	4	½
Spinach.....	1 oz.			April	1-1½	6	½
Spinach, New Zealand.....	¼ oz.	March	May-June	May	3	12-18	½
Squash.....	½ oz.			May-June	4-5	48-60	½
Sweet Potato.....	50 roots				3-5	14	3-4
Tomato.....	¼ oz.			May	2½-3	30-36	½
Turnip.....	½ oz.	March		April	1½-2	3-4	½
Watermelon.....	1 oz.			May	8-10	80-90	1

## PERENNIAL

Artichoke, Globe.....	½ oz.	Feb.-Mar.	May		3-4	24	½
Asparagus.....	40 plants			April	1½-3	14	4-5
Dandelion.....	½ oz.			May	1½	8-10	½
Horseradish.....	50 roots			April	2	8-12	2
Rhubarb.....	25 roots			May	2½-3	24	¾

By Permission of the American Fork & Hoe Co., Cleveland, Ohio

# VEGETABLE PLANTING CHART

ATTENTION! (READ STRAIGHT ACROSS)

Degree of Hardiness	Successive Planting (Days Apart)	Days to Mature	IMPORTANT SUGGESTIONS
Tender	14 days to July	60	Early plantings can be followed by Fall vegetables.
Very Tender	Season	60	Longer bearing than above. Use poles 6-8 ft. long, plant 6 seeds per pole and later thin [to three.
Very Tender	10 days to July	60	Cultivate as for Bush Snap Beans above.
Very Tender	Season		Plant and thin as for Pole Snap Beans above.
Hardy	14 days	40-70	Late plantings for Winter use should use turnip varieties.
Hardy		90	Before freezing, dig and store in cellar or pit.
Hardy	14 days	100	Hoe deeply and frequently—keep clean of weeds.
Hardy		120	Give plenty of water and keep soil well cultivated.
Hardy	20-30 days	60-70	Can replant until September for Fall and Winter use.
Hardy	14 days to Sept.	35	Easily grown in Winter in greenhouse, hotbed or window box.
Tender	Fall use in June	100-120	Tie outer leaves over center bud when 6 to 8 inches long.
Hardy	August	70-90	Fertilize heavily—plant on rich soil and supply abundant moisture.
Tender	7 days	30-40	Can be grown in window boxes in Spring.
Hardy	14 days	50-60	Till top soil frequently and keep free of weeds.
Hardy	7-14 days	60	Do best in cool weather, so plant as early as possible.
Hardy	June for Fall	90	Apply fertilizer between rows several times during season.
Hardy	7-10 days	30	For Fall use long, white varieties.

## PLANTS

Tender		5-6 mos.	Plant 3 or 4 small tubers in a hill.
Hardy		4-5 mos.	Winter crop may be started in May.
Hardy	14 days	5-6 mos.	When small sprouts begin to appear—cut large leaves off to favor sprouts.
Hardy		4-5 mos.	
Hardy		4-5 mos.	Fertilize and cultivate freely—hill up slightly as growth progresses.
Hardy		4-5 mos.	
Tender		5-6 mos.	Leaves bunched for blanching in early Fall.
Tender		4-5 mos.	Never allow plants to become checked in growth.
Hardy		5-6 mos.	Blanching not required—roots remain in ground until wanted.
Hardy		5-6 mos.	See "Vegetable Guide" for information on blanching.
Hardy		6-7 mos.	Then raised and transplanted in trench and covered with manure—after 4 to 5 weeks [ready for use.
Hardy	June	3-4 mos.	Stands hot weather better than cabbage or kale. Grown widely in Southern States.
Tender	10 days to June	2-3 mos.	Deep soil and frequent cultivation makes best crop.
Tender		2-3 mos.	Plant in low hills for perfect drainage while young.
Tender		4-5 mos.	Grow best in well-drained, warm soil.
Hardy		2½-3 mos.	Quite hardy and does well where cauliflower cannot be grown.
Very Hardy		3-4 mos.	Plant in open furrow 5 or 6 inches deep—draw in earth as plants grow to level of garden.
Tender		3-4 mos.	Plant in hills, 10 to 12 seed, thin to 4 plants.
Tender	June	3 mos.	Requires frequent cultivation until plants cover the ground.
Hardy	May-June	3-4 mos.	Seed germinate very slowly—mark rows with radish seeds.
Hardy		4-5 mos.	Better flavored if subjected to early frosts.
Tender		4-5 mos.	Top-dress soil between rows when plants 6 inches high.
Hardy		4-5 mos.	Dig before hard freezing.
Tender		4-5 mos.	Plant on hills and cultivate as for cucumbers.
Hardy		4-5 mos.	Pull roots before freezing, cut off tops and store in cellar.
Hardy		4-5 mos.	Dig roots in Fall or Winter as required.
Hardy		3 mos.	Apply nitrate of soda between rows to stimulate growth.
Hardy		3-4 mos.	Soak seed 2 hours in hot water.
Very Tender		2-4 mos.	Winter squash may be planted later and stored for use in moderately warm, dry place.
Tender		5-6 mos.	Dig when vines have been killed by frost.
Tender	June	4-5 mos.	Protect from frost when first set out in garden.
Hardy	June-July	2-3 mos.	Crowding or weeds make poorly flavored roots.
Tender		4-5 mos.	Top-dress with fertilizer high in nitrogen and potash.

## PLANTS

Hardy		Aug.-Sept.	If crowns get too large after two or three years—divide and reset.
Hardy		May-June	In northern states mulch asparagus to prevent heaving of the roots during Winter.
Hardy		Sept. (1st. yr.)	Blanch by covering with straw or leaves.
Hardy			Tends to become rank weed—cultivate closely and root out volunteers.
Hardy		2d Spring	Keep blossom stalks cut back—flowers and seed exhaust plant.

# ◆ The Vegetable Gardens of America ◆

**V**EGETABLES have a natural preference for soils of varying degrees of acidity and alkalinity. We want to help our customers with this problem by indicating after the cultural directions for each vegetable the kind of soil suitable for best results. Key A stands for alkaline; B for slightly alkaline; C for neutral and D for slightly acid.

Soil is really the controlling factor in your whole garden operation. No matter how well seeds are planted, if the soil does not contain approximately the correct amount of plant food in approximately the right proportions, the labor will be lost. Soil test kits will not give you all the answers about soil, but they will tell you more about it in ten minutes than you can guess in a lifetime.

## The Sudbury Soil Test Kit

**Home Garden Kit.** \$2.50, postpaid \$2.60.

**New Club Model.** \$4.75, postpaid \$4.85.

**The Horticultural Kit.** \$12.50, postpaid \$12.65.

**DeLuxe Model.** \$22.50, postpaid \$22.75.

**Testing Fluid** for refill. Specify element.—Lime, Nitrogen Phosphorus or Potash. 2 ozs. \$1.00, postpaid \$1.10; 6 ozs. \$2.00, postpaid \$2.10; ½ oz. 40c, postpaid 50c.

## Garden Guide

By 28 Authorities. 576 pages; over 300 illustrations. Seventh Edition \$2.75

One of the most practical and informative garden books ever published for the average home owner. Every phase of gardening in connection with the home grounds is covered—from the location of the house to the final reaping of the gardener's reward in perfect flowers, fruits, vegetables, a fine lawn, shrubs and trees. Its pages also include every related subject the gardener should be informed upon: insects, diseases, bees, birds, fish, etc.

## The Modern Family Garden Book

Special Edition by ROY E. BILES

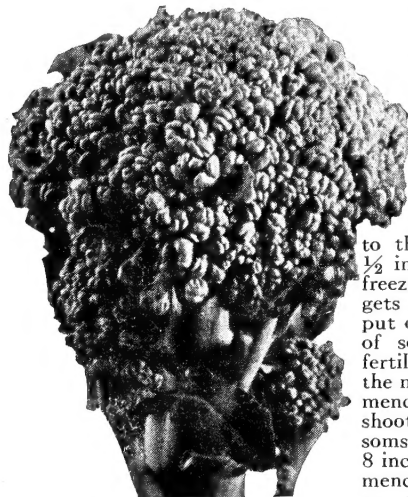
128 pages of most useful information. Profusely illustrated. 50c, postpaid 55c.

## Broccoli Sow 1 ounce of seed to 200 feet of row

A plant much resembling cauliflower but requires a longer season to develop, has more numerous and stiffer leaves, and heads are smaller. Treat same as cabbage. *Soil A.*

**Calabrese.** This is the Broccoli which is served in first-class restaurants and hotels and is becoming popular on the family table. Cooked and served like cauliflower, it has a delicious flavor and is highly praised by epicures. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

**CULTURE.** Sow seed in open ground April 1. Set plants out May 15 to June, like late cabbage, 90 days.



Calabrese Broccoli

### CALABRESE PLANTS.

See page 24.

**Rapa or Italian Salad.** 100 days. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.25.

**CULTURE.** Sow about middle of August, in rows 32 inches apart, well fertilized, using 2 pounds of seed to the acre, covering the seed ½ inch. Cultivate twice before freezing weather. As soon as it gets a little warm in February, put on a top-dressing of nitrate of soda or some quick-acting fertilizer, and cultivate. About the middle of March it will commence to stalk up, with several shoots per stalk, with green blossoms. When stalks are about 8 inches high, cutting may commence. Served like asparagus or greens, it makes a delicious and wholesome dish.

Are a Vital Factor in the National Food Production. It is Patriotic . . . It is Wise . . . To Make a Vegetable Garden.

### VEGETABLE SEEDS ARE SALES TAX EXEMPT

Vegetable Gardening is a profitable and pleasurable occupation. There is no food in all the world that can compare with the fresh vegetables from your own garden. Our Prices are the Lowest, Consistent with the Production of Quality Seeds.

**ARTICHOKE ROOTS, Jerusalem.** See page 24.

**ARTICHOKE SEEDS, Globe.** Pkt. 15c.

## Asparagus, Seeds and Roots

Roots ready after March 1

Sow 1 ounce of seed to 40 feet of drill; 5 pounds per acre. 7,300 Asparagus Plants are needed to plant an acre

**CULTURE.** Sow seed as early in spring as soil can be worked, in drills 1 foot apart, and, when well started, thin out to 3 inches apart. When 1 to 2 years old, transplant into permanent beds, which should be well and deeply manured and trenched to a depth of 1½ feet. Set plants in rows 3 feet apart, not less than 1½ feet apart in the row. See that roots are well spread and set at a depth of 6 inches below level of bed. Cover only 2 or 3 inches, and fill in gradually as the plants grow. Very little, if any, should be cut the first year after transplanting, but a fair crop can be cut the second year. Every fall after the tops have been cut down, apply a dressing of coarse manure, and in the spring, fork it in. An occasional top-dressing of salt at the rate of one-half pound per square yard is also beneficial. *Soil A.*

**Mary Washington.** This Asparagus, selected by the U. S. Department of Agriculture, Washington, D. C., has proved to be nearly rust-free. The shoots are thick, heavy, long, straight, rich dark green, with closely folded tips tinted darker. An early, heavy yielder. Shoots of exceptionally fine flavor. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

**ASPARAGUS ROOTS, Two-Year-Old.** See page 24.

### Accessories for Asparagus Culture

**Asparagus Buncher.** Even where one has a limited amount of Asparagus to market it pays to use a Buncher. The Asparagus is quickly tied and looks uniform. With knife-guard, \$5.50. Parcel Post weight, 8 pounds.

**Asparagus Knife.** V-shaped blade. 40c. Parcel Post weight, 1 pound.

**Asparagus Salt.** Apply in the spring, 600 to 800 pounds per acre. For destroying weeds. 10 lbs. 30c; 50 lbs. \$1.25; 100 lbs. \$2.00.

**Raffia.** The ideal material for tying Asparagus. Hanks (about 1 lb.) 50c; 5 lbs. at 45c per lb.

**Jute Twine.** Very soft and pliable; two or three ply. Ball 35c, postpaid 40c. Special price in quantities on application.

**Red Tape** for tying Asparagus.

No. 17. 1000 yds. \$3.25, postpaid \$3.35.

Prices subject to change

## Brussels Sprouts

A species of the Cabbage family which produces miniature heads from the sides of the stalk. These heads are a great delicacy, cooked in the same way as cauliflower. Sow seed, about the middle of May, in a seed-bed, and set the plants afterwards in rows 2 feet or more apart; cultivate like cabbage. 100 days. *Soil A.*

**Improved Dwarf.** Produces compact sprouts of finest quality. A good keeper. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00.

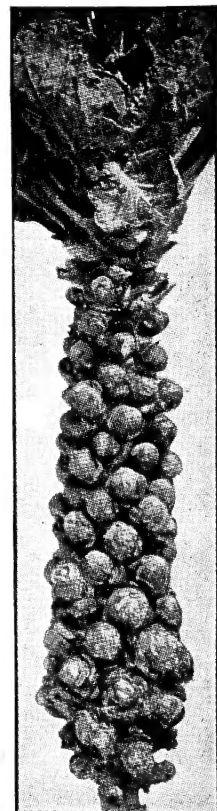
**BRUSSELS SPROUTS PLANTS.** See page 24. Brussels Sprouts

**WE PAY POSTAGE ON ALL PACKETS, OUNCES, AND ¼ POUNDS OF SEEDS. FOR LARGER QUANTITIES, CONSULT CHART ON PAGE 1**

**ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE**



Asparagus





# BEANS

All Beans weigh 60 pounds per bushel

If Beans are to be sent by Parcel Post, add 9c per pt.; 10c per qt.; 17c per 1/2pk.; 25c per pk.; 77c per bus. This applies to 1st and 2d zones only. Packets sent postpaid.

## Bush, Green-podded

Sow 1 quart of seed to 100 feet of drill;  
2 bushels to an acre

**CULTURE.** Seed should not be planted before ground becomes light and warm, in favorable seasons usually about the middle of April to first of May. The soil should be rich and mellow, and the seeds scattered about 3 inches apart in drills, and covered about 2 inches deep. Successive sowings made at intervals of about 2 weeks until August 15, will give a plentiful supply of Beans all season. About 45 days. *Soil C.*

**Asgrow Valentine.** Its long, practically straight, oval pods are of good color and texture and are completely stringless.

**Black Valentine.** Like the above, but the pods are round.

**Bountiful.** This variety has been known to bear 1 bushel of pods per 15-foot row in the course of the season. Pods average 6 inches long by 3/4 inch wide, are thick through, of pleasing light green color, very brittle, and absolutely stringless at all stages of development.

**Burpee's Stringless Green-Pod.** An ideal variety having round, slightly curved, fleshy, and exceedingly tender pods. Matures a few days earlier than the Giant sort.

**Dwarf Horticultural or Cherry.** This broad, long, flat, meaty Bean is very productive, of delicious flavor and absolutely stringless. It also makes a good dried Bean for winter.

**Full Measure.** Heavy, light green foliage. Very prolific. Pods 5 1/2 to 6 inches long, stringless, round, slightly curved, of very good quality.

**GIANT STRINGLESS GREEN-POD.** Large, handsome pods of finest quality, some fully 6 inches long; very fleshy and entirely stringless. Very productive. Specially adapted to the home-garden.

**Plentiful.** Black-seeded Bountiful.

**Longreen.** A new stringless variety. Pods are round, straight, dark green, 7 inches long. Time to maturity, 56 days.

**Streamliner.** Ready to pick in about 50 days. This tender semi-flat pod Bean, averaging 7 to 8 inches long, bears white seed. The long pods are stringless, brittle and deliciously flavored.

## Green-podded, continued

**New Stringless Green-Pod or Tender-green.** Fifty-six days from planting to eating stage. Pods are 5 1/2 to 6 1/2 inches long, nearly straight, round, absolutely stringless and fiberless, fleshy, and smooth.

## Shell Beans for Winter Use

60 days

**Red Kidney Beans.** Bearing 6 to 7-inch, flat pods, containing 5 to 6 red kidney-shaped Beans. Used almost exclusively for baking and soup.

**White Marrowfat.** Planted almost exclusively for winter use, making large white, kidney-shaped Beans.

**White Navy or Boston Pea Beans.** Yields large quantities of white Shell Beans which are used for baking.

## Bush, Yellow or Wax-podded

48 days

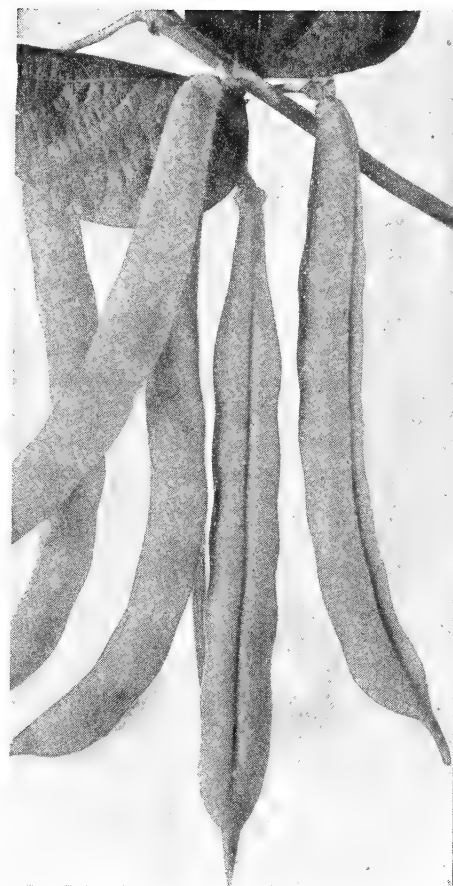
**Cherokee Wax.** A wax strain of Asgrow Black Valentine. It is in the same season and has an oval pod and the same ruggedness and productiveness. One of the outstanding characteristics of the variety is the ease with which the Beans can be picked, because it seems that the pods all hang on the outside of the plant

**Bountiful Wax.** Handsome, long, flat yellow pods. Profuse bearer.

**Improved Golden Wax.** Small plants of erect growth, bearing flat thick pods about 5 inches in length and of excellent quality. An early and reliable variety.

**SURE-CROP STRINGLESS WAX.** This is a grand Bean. Absolutely stringless and a great rust-resister. Will produce an abundance of long, yellow, flat pods. A profitable market variety and one of the best for the home-garden.

**Round-Pod Kidney Wax.** Vines 15 inches high. Pods are 5 inches long, round, slightly curved, stringless and deep yellow.



Giant Stringless Green-Pod Beans

## Pole Lima

Sow 1 quart of seed to 100 poles

**CULTURE.** These require poles 8 to 10 feet long. The Beans should be planted in May if the season is suitable. Set poles 4 feet apart each way, and plant 4 to 6 Beans, about 1 inch deep, around each pole. Thin out to three plants to a pole. Lima Beans for early use may be grown in pots in frames and transplanted. About 90 days. *Soil C.*

**Carpinteria.** Bears an abundance of large pods filled with plump, thin-skinned, tender, fine-flavored Beans.

**Dreer's Improved Challenger or Potato Lima.** Beans round and thick, of delicious flavor, easy to shell. Immense cropper.

**Early Leviathan.** The earliest large Pole Lima. Very productive.

**King of the Garden.** Vigorous grower, bearing large pods, 5 to 8 inches long. Beans large and of rich flavor.

**GIANT-PODDED.** The largest of all Pole Limas. Pods are from 7 to 8 1/4 inches in length with a width of 1 1/2 to nearly 2 inches. The Beans are extra large and invariably of superb flavor. Vines easily attain a height of from 10 to 12 feet. The pods are produced in clusters of from 4 to 8 until killed by frost.

**Sieva or Small White Lima Butter Bean.** Early and productive, a great drought resister, smaller than regular Limas, but juicy and of fine flavor.

## Edible Soy Bean

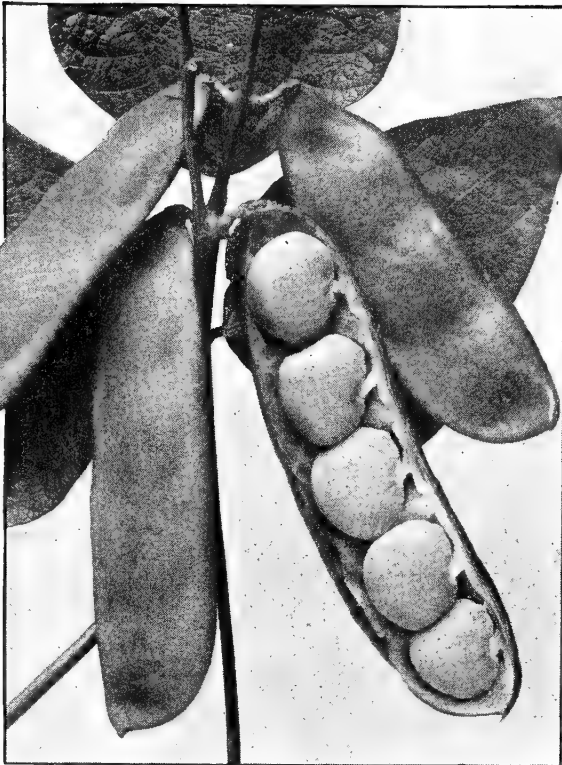
Plant May 15, using Nitragin—a 10c package is enough for several quarts.

Use the Beans in their green state; pour boiling water over them, then drain off and they shell very readily. If dry Beans are wanted, let them stand until the leaves drop. *Soil C.*

**Bansei.** This variety has produced excellent crops in different sections of the country. Green or dry, the Beans are delicious, and an excellent source of vitamins A, B and G. The plants grow 24 inches high, and are covered with pods. They do not require support. Beans are ready for use from 100 to 110 days from sowing.

	Pkt.	Pt.	Qt.	1/2pk.	Pk.
	All bus.	prices	on request		(15 lbs.)
<b>BEANS, BUSH, Green-podded</b>					
Burpee's Stringless Green-Pod.....	\$0 10	\$0 45	\$0 85	\$2 50	\$4 50
Giant Stringless Green-Pod.....	10	45	85	2 50	4 50
Bountiful.....	10	45	85	2 50	4 50
Plentiful.....	10	45	85	2 50	4 50
Full Measure.....	10	45	85	2 50	4 50
Asgrow Valentine.....	10	45	85	2 50	4 50
Black Valentine.....	10	45	85	2 50	4 50
New Stringless Green-Pod (Tendergreen).....	10	45	85	2 50	4 50
Dwarf Horticultural (Cherry).....	10	45	85	2 50	4 50
Streamliner.....	10	45	85	2 50	4 50
Longreen.....	10	45	85	2 50	4 50
<b>BEANS, SHELL</b>					
White Navy (Boston Pea Bean).....	10	40	75	2 50	4 50
White Marrowfat.....	10	40	75	2 50	4 50
Red Kidney Beans.....	10	40	75	2 50	4 50
Edible Soy Bean.....	10	40	75	2 50	4 50
<b>BEANS, BUSH, Yellow or Wax-podded</b>					
Sure-Crop Stringless Wax.....	10	50	95	2 75	5 00
Cherokee Wax.....	10	50	95	2 75	5 00
Bountiful.....	10	50	95	2 75	5 00
Improved Golden Wax.....	10	50	95	2 75	5 00
Round-Pod Kidney Wax.....	10	50	95	2 75	5 00
<b>BEANS, POLE LIMA</b>					
Carpinteria.....	10	50	95	2 75	5 00
Early Leviathan.....	10	50	95	2 75	5 00
King of the Garden.....	10	50	95	2 75	5 00
Sieva (Small White Lima).....	10	50	95	2 75	5 00
Giant-podded.....	10	50	95	2 75	5 00
Dreer's Improved Challenger (Potato Lima).....	10	50	95	2 75	5 00

WHEN PLANTING SNAP AND LIMA BEANS AND PEAS IT IS IMPORTANT TO USE INOCULATING BACTERIA. SEE PAGE 9.



Fordhook Bush Lima Beans

## Bush Lima Beans

Sow 1 quart of seed to 100 feet of drill

**CULTURE.** Seed 2 inches apart or plant in rows 2 feet apart and make hills 1 foot apart in the rows. About 75 days. Soil C.

**Burpee's Improved.** Bears an abundance of thick, kidney-shaped Beans.

**Burpee's.** Like above, but bears flat Beans.

**Fordhook.** Everybody loves these delicious thick, roundish Beans of just the right shade of green. The sturdy bushes bear the pods in clusters of 4 to 6, the pods averaging 4 large Beans each.

**Henderson's Dwarf.** Popular Baby Lima. Its flavor is excellent.

**FOR A BUMPER CROP, USE NITRAGIN ON ALL BEANS.** See page 9.

## BUSH LIMA BEANS PEERLESS (U. S. 243).

A dwarf Fordhook type introduced for 1948 by the U. S. Dept. of Agriculture, developed from a cross of Fordhook and Henderson's Bush. Small plant. Gray-green foliage; pods similar to Fordhook. Seeds about half-way in shape and size between Henderson and Fordhook. Excellent for freezing.

**Fordhook 242.** Similar to the regular Fordhook, but more open in growth; pods shorter, curved, containing 3 to 4 slightly smaller Beans, but of same quality and color. Superior under adverse growing conditions. Will not displace regular Fordhooks.

**Baby Fordhook.** Matures in about 70 days. Stocky bush; big root system; bears green-seeded, thick potato type Limas. Stands cold and wet, also extreme heat. Very prolific.

## Broad Windsor Beans

**CULTURE.** Same as Bush Limas, only plant thinner. Similar to Lima Beans, but a different flavor and larger. Should be planted early (March or April), as they are very hardy. Soil C.

## Pole String Beans Green- and Wax-Podded

**CULTURE.** Same as Pole Lima. 70 days. **Horticultural or Pole Cherry.** Pods green, dashed with red when Beans are matured.

**Kentucky Wonder or Old Homestead.** It grows luxuriantly and bears for a long period. Pods are very long, very fleshy and deeply creased or saddle backed, green in color and stringless. Seed light brown.

**Lazy Wife or White Cherry.** Pods 6 to 8 inches long, entirely stringless, of a rich, buttery flavor when cooked as a Snap Bean; also a good white Shell Bean for winter. One of the very finest flavored.

**KENTUCKY WONDER WAX.** Same as Kentucky Wonder with exception of beautiful yellow pods.

**Yard-Long or Snake Beans.** Produces dark green foliage and stringless green pods, often 2 to 3 feet long.

## BEETS, TABLE

Sow 1 ounce of seed to 60 feet of drill;  
5 pounds to an acre in drills

**CULTURE.** Beets like rather light soil provided it is thoroughly mixed with manure. For main crop sow in the spring as soon as ground becomes fit to work, in drills 1½ feet apart and 1 inch deep. For winter use sow as late as July. Thin out to stand 5 to 6 inches apart. 45 to 50 days. Soil A.

**TALL TOP BUNCHING.** This splendid Beet is nearly a perfect globe, about 10 inches around, with smooth skin free from rootlets; the flesh is a rich blood-red, nicely ringed, never stringy and always tender and sweet. Excellent for canning.

**PERFECTION DETROIT DARK RED.** The ideal Beet for market gardeners. It is the darkest red and most uniform Beet ever introduced. Just the right size top for bunching and will run better than 99 per cent, extremely dark red in color without visible zones.

**Crosby's Improved Egyptian.** Very desirable. Fine for early market.

**Detroit Dark Red.** A fine early variety with globe-shaped roots of brilliant red. Ready in 60 days.

**Early Wonder.** A very early dark red Beet similar to Crosby's Egyptian in shape. It is sweet and tender and a good variety for the home-garden.

**Extra-Early Eclipse.** Round root. Small top.

## Cow Beets - Mangel-Wurzels

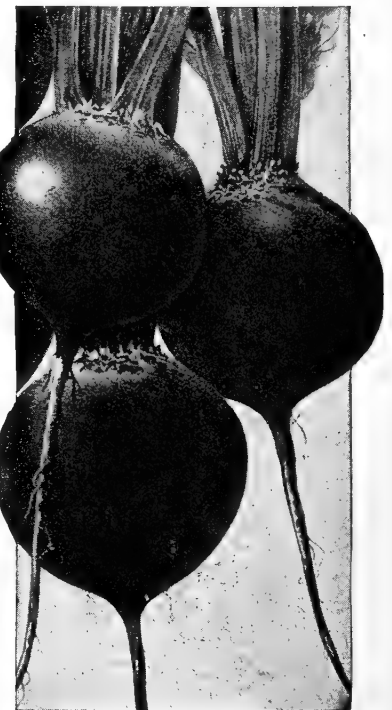
Used for feeding cattle. Sow 5 pounds per acre

**CULTURE.** Sow in April and May in thoroughly plowed, well-manured soil, in drills 2 inches deep and about 18 inches apart. Thin out to 12 inches. Low ground is best adapted for Mangel-Wurzels. 100 days. Soil A.

**Golden Tankard.** Large, yellow, excellent.

**Mammoth Long Red.** Immense; long; red

WE PAY POSTAGE ON ALL PACKETS  
OUNCES, AND ¼ POUNDS OF SEEDS.

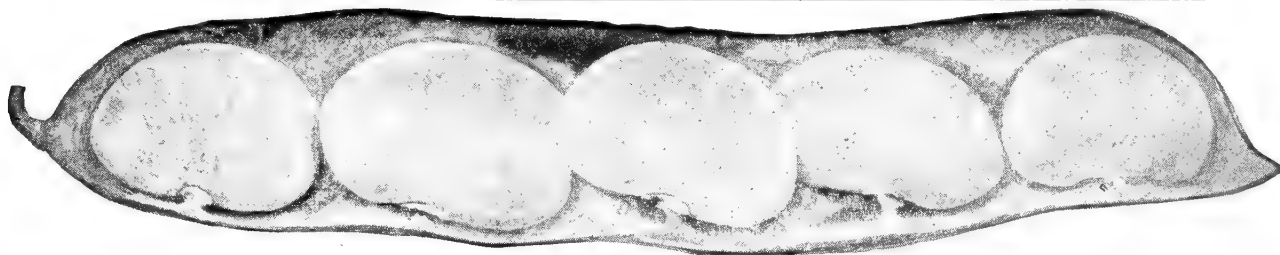


Perfection Detroit  
Dark Red Beets

BEANS, BUSH LIMA	Pkt.	Pt.	Qt.	½pk.	Pk.
Fordhook.....	\$0 10	\$0 55	\$1 00	\$3 25	\$6 00
Fordhook 242.....	10	55	1 00	3 25	6 00
Peerless (U. S. 243).....	10	60	1 15	3 75	7 00
Burpee's Improved.....	10	55	1 00	3 25	6 00
Burpee's.....	10	55	1 00	3 25	6 00
Henderson's Dwarf.....	10	55	1 00	3 25	6 00
Baby Fordhook.....	10	55	1 00	3 25	6 00
BEANS, ENGLISH or BROAD WINDSOR.....	10	50	95		
BEANS, POLE STRING					
Kentucky Wonder Wax.....	10	60	1 15	3 75	7 00
Lazy Wife or White Cherry.....	10	60	1 15	2 75	5 00
Kentucky Wonder (Old Homestead).....	10	60	1 15	2 75	5 00
Horticultural (Pole Cherry).....	10	60	1 15	2 75	5 00
Yard-Long (Snake Beans)..... Oz. 25c.	10				
BEETS, COW (Mangel-Wurzel)		Oz.	½lb.	Lb.	
Mammoth Long Red.....	\$0 15	\$0 35	\$1 10		
Golden Tankard.....	15	35	1 10		
BEETS, TABLE		Pkt.	Oz.	½lb.	Lb.
Perfection Detroit Dark Red.....	\$0 10	\$0 15	\$0 50	\$1 50	
Tall Top Bunching.....	10	15	50	1 50	
Detroit Dark Red.....	10	15	50	1 50	
Early Wonder.....	10	15	50	1 50	
Crosby's Improved Egyptian.....	10	15	50	1 50	
Extra-Early Eclipse.....	10	15	50	1 50	

Larger quantities quoted on request. All Beans weigh 60 lbs. per bus.

# Inoculation of Legumes Insures Success

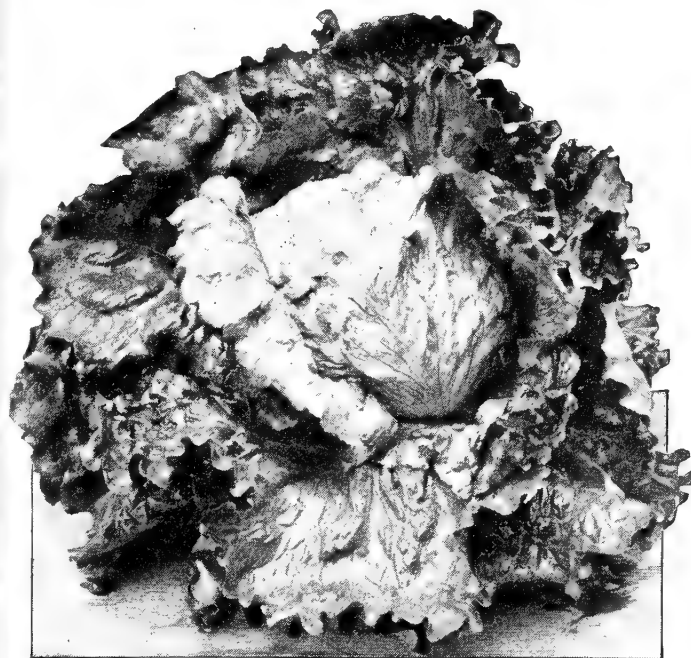


Giant-Podded Pole Lima Beans

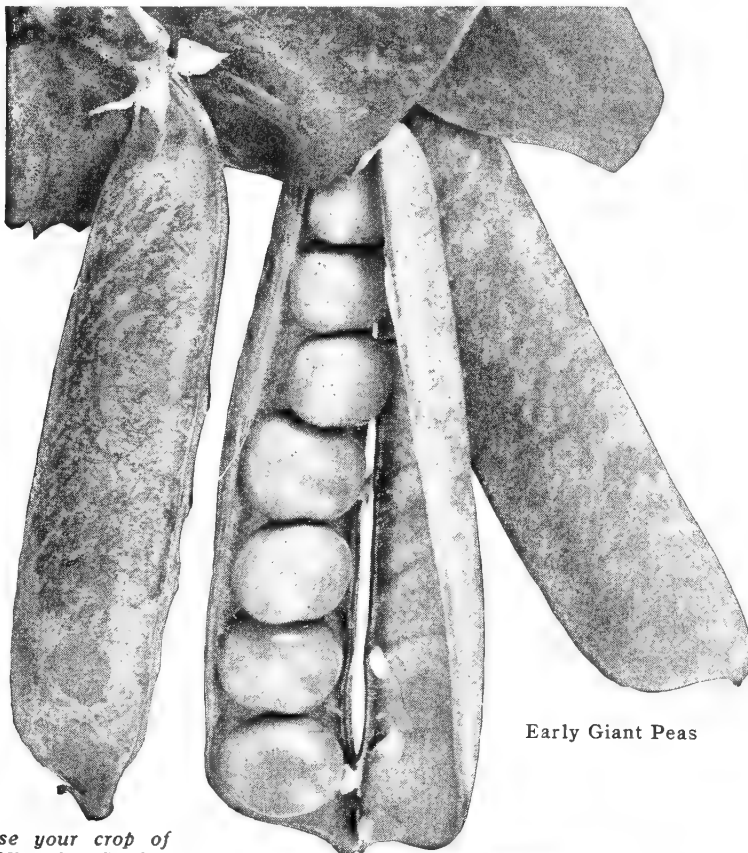
## OFFER 10

Special Trial Offer of these four outstanding and proved vegetables for 85c, postpaid \$1.00.

- 1 pkt. No. 44 New York or Wonderful Lettuce
- 1 oz. Perfection Detroit Dark Red Beet
- ½ pt. Giant-Podded Pole Lima Beans
- 1 pt. Early Giant Peas



No. 44. New York or Wonderful Lettuce



Early Giant Peas

Postpaid prices apply up to the 2d Zone only. For other Zones consult chart on page 1.

Inoculate all Legume Seeds with

## NITRAGIN

1898—A HALF CENTURY OF SERVICE—1948

When ordering, Always state name of seed.

### ALFALFA (A)

Swt., Bur., Hubam Clovers  
Size Retail  
1 bu. each...\$ .50  
2½ bu. each... 1.00

### CLOVERS (B)

Red, Alsike, Crimson,  
White and Ladino.  
1 bu. each...\$ .50  
2½ bu. each... 1.00

### LESPEDEZA (L)

100 lb. size (Inoculates  
up to 100 lbs.) ..\$ .50

### PEAS, (C)

#### VETCHES (All Varieties)

100 lb. size (Inoculates  
up to 100 lbs.) ea.\$ .50  
1200 lb. size ea.. 5.70  
(12-100 lb. cans)

### LUPINES (All Varieties)

100 lb. size (Inoculates up to 100 lbs. seed) ea. \$ .50

GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima  
Beans and Edible Soybeans  
Enough for 8 lbs. seed — Retail Price 10c each

### SOYBEANS (S)

Size Retail  
Small, (Inoculates up  
to 120 lbs. seed) \$ .30  
5 bu. each..... .55  
25 bu. each..... 2.50  
(One can)

30 bu. each..... 3.25  
(6-5 bu. cans) \*

### BEANS — Navy, Pinto, Wax, String, Kidney and Great Northern

1 bu. each .....\$ .35

### PEANUTS, COW PEAS (E)

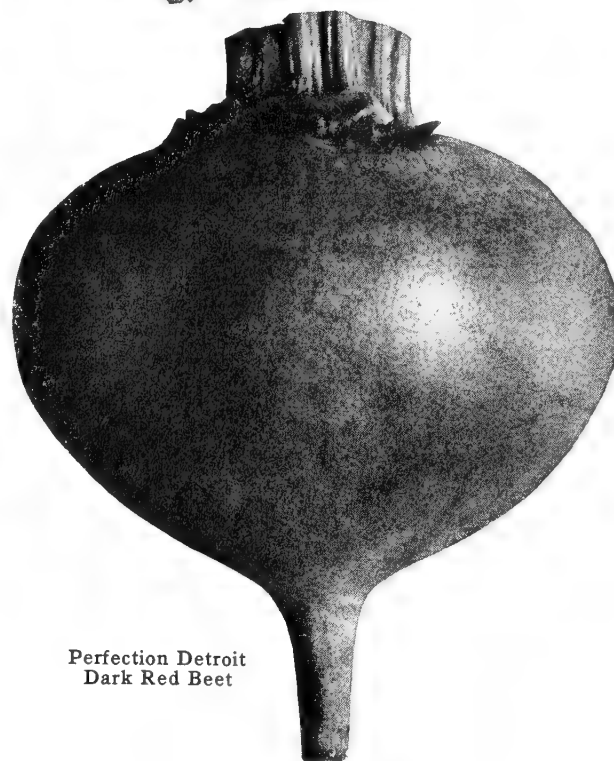
Small, (Inoculates up  
to 120 lbs. seed) \$ .30  
5 bu. each..... .55  
25 bu. each..... 2.50  
(One can)  
30 bu. each..... 3.25  
(6-5 bu. cans)

To increase your crop of Peas use Nitragin. Garden size 10c, enough for ½ peck of seed.

Like corn, Peas must be used at once after being picked if their original taste is to be preserved. In proportion to the amount of food they yield, they take up perhaps more than their share of space in the vegetable plot, but fresh Peas are so delicious that many home gardeners make room for them anyway. They must be grown as one of the very first crops in the spring if they are to succeed, for they cannot endure hot weather. After the Peas are gathered, the vines are pulled out and the ground used for some hot-weather crop.

### POSTPAID PRICES ON NITRAGIN

Retail	Postpaid
\$0 10	\$0 13
30	35
50	55
55	60
1 00	1 10
2 50	2 65
3 25	3 50
5 70	6 00



Perfection Detroit Dark Red Beet





Golden Acre Cabbage

## Swiss Chard or Spinach Beet

Sow 1 ounce of seed to 60 feet of drill

**CULTURE.** Swiss Chard is a Beet grown for its leaves. The midribs when boiled make delicious "greens," or the leaves may be boiled and served as spinach. Sown in the spring, the leaves are soon ready to eat and will continue to grow all through the summer and fall. If given a little protection it will survive the winter and make excellent greens early in the spring. 35 days. *Soil A.*

**Fordhook Giant.** Leaves broad, upright in growth, and very dark green, crumpled or savoyed, with broad, white midrib.

**Giant Lucullus.** Upright plants with curly light green leaves of mild flavor. A heavy yielder.

**Rhubarb.** A Chard of unique crimson color. Stalks are sweet and succulent, bright red in color. Leaves green to bronze.

## Georgia and Cabbage Collards

**CULTURE** like cabbage. The lower leaves, pulled off and used same as cabbage sprouts and kale, are delicious. If you have never eaten it, you have missed a treat. 80 days. *Soil A.*

CABBAGE  
PLANTS,  
Page 24

# CABBAGE

CHOICE SURE-  
HEADING SEED

One ounce will produce about 2,500 plants; ¼ pound for transplanting an acre

**CULTURE.** Sow seed in January or February in hotbeds, and transplant latter part of April or early in May to open ground; or an early sowing in open ground can be made as soon as weather will permit. Set plants 1 to 1½ feet apart in the row. For second-early, sow in April and transplant in May, or sow in May and transplant in July, setting plants in rows 3 feet apart and 2 feet apart in rows. Never plant in the same ground two years in succession. *Soil A.* We pay postage on packets, ounces, and ¼ pound. For larger quantities consult chart on page 1.

## Early Pointed-Head Varieties

About 75 days

**Early Jersey Wakefield.** A fine oblong-shaped Cabbage. Head is solid, there being very few outside leaves.

**Charleston Wakefield.** Resembles the Early Wakefield, but later and larger.

## Early Round and Flathead Varieties

About 90 days

**Early Flat Dutch.** A dwarf-growing type, principally used for early summer.

**GOLDEN ACRE.** An extra-early strain of Copenhagen Market, maturing about 10 days earlier. It will mature heads measuring 9 inches in diameter, with a uniform weight of 5 pounds, in 80 days from time of sowing. Height of stalk is 2 inches and entire plant consists of 13 leaves, allowing close planting.

## Second-Early Varieties

About 100 days

**Copenhagen Market.** Large, globe-shaped, solid head which comes into market along with Charleston Wakefield. Our seed comes direct from the originator. Makes few loose leaves. A vigorous grower and excellent keeper.

**Succession.** A large, solid, roundish flat-headed sort with few outer leaves. One of the best varieties to follow Large Charleston Wakefield.



Late Flat Dutch Cabbage

## Late or Winter Varieties

About 110 days

**Savoy Chieftain.** 90 days. (All-America Award, 1938.) Flattened globe; very curly; outstanding quality.

**American Drumhead Savoy.** A beautifully crimped-leaved, deep glossy green sort. The head is almost round.

**Danish Ballhead.** An elegant, medium-late variety. Round and compact.

**Late Flat Dutch.** (Improved Strain.) This has been selected especially for our trade, and seed was taken from the finest type of heads selected for solidity and uniformity.

**Red Dutch Drumhead.** A red variety used extensively for its good qualities.

## Yellows-Resistant Varieties

Bred and grown in Wisconsin for their wilt- and yellows-resisting qualities, these varieties will also do better under hot, dry, and unfavorable weather conditions.

**Jersey Queen.** The yellows-resistant Jersey Wakefield.

**Golden Acre.** Described in second column.

**Marion Market.** The yellows-resistant Copenhagen Market.

**All Seasons.** A very large head, flat and solid. It is valuable for summer or winter use.

## CHINESE CABBAGE

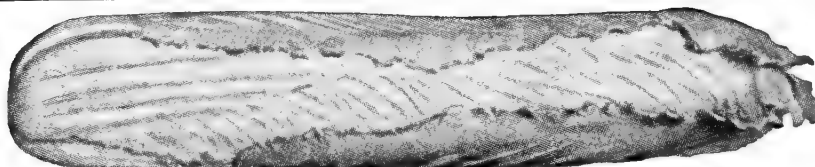
Grow like late Cabbage, planting in July, as early plantings run quickly to seed. It has a mild flavor and may be eaten raw or as a salad, or cooked. 70 days. *Soil A.*

**Chihili or Improved Pekin.** Slender, well blanched.

**Pe-Tsai.** Slender; green.

**Wong Bok.** Short and thick; well blanched.

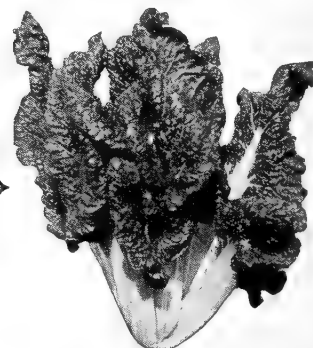
CABBAGE, EARLY POINTED-HEAD	Pkt.	Oz.	¼ lb.	Lb.
Early Jersey Wakefield.....	\$0 10	\$0 25	\$0 75	\$2 50
Charleston Wakefield.....	10	25	75	2 50
CABBAGE, EARLY ROUND AND FLATHEAD				
Golden Acre.....	10	30	1 00	3 50
Early Flat Dutch.....	10	25	75	2 50
CABBAGE, SECOND-EARLY				
Succession.....	10	25	75	2 50
Copenhagen Market.....	10	30	90	3 00
CABBAGE, LATE OR WINTER				
Savoy Chieftain.....	10	30	1 00	3 50
American Drumhead Savoy.....	10	30	90	3 00
Red Dutch Drumhead.....	10	50	1 50	5 00
Late Flat Dutch.....	10	25	75	2 50
Danish Ballhead.....	10	30	90	3 00
CABBAGE, YELLOWS-RESISTANT				
Jersey Queen.....	10	40	1 25	4 00
Marion Market (Copenhagen).....	10	40	1 25	4 00
All Seasons.....	10	40	1 25	4 00
Golden Acre.....	10	40	1 25	4 00
CABBAGE, CHINESE, Chihili or Improved Pekin.....	10	20	60	2 00
Pe-Tsai.....	10	20	60	2 00
Wong Bok.....	10	20	60	2 00
CHARD, SWISS (Spinach Beet)				
Giant Lucullus.....	10	15	40	1 25
Fordhook Giant.....	10	15	40	1 25
Rhubarb.....	15	50		
COLLARDS, Georgia tall and Cabbage med. tall.....	10	15	30	90



Chihili Chinese Cabbage



Giant  
Lucullus  
Swiss  
Chard



## CARROT

*Sow 1 ounce of seed to 100 feet of row; 2 or 3 pounds to an acre*

**CULTURE.** Good crops may be obtained from ordinary garden soil. For early use, seed may be sown in hotbeds from January until March, and in the open ground as soon as the weather becomes warm and settled, usually in April. Sow seed  $\frac{1}{2}$  inch deep, in rows 15 inches apart, and later thin to 5 inches apart in the rows. Sow from July 1 to 15 for winter crops. 65 days. Soil A.

**California Bunching.** Tops small; roots bright orange, 8 inches long, and almost cylindrical.

**Chantenay.** Regular stock.

**Danvers or Half-Long Orange.** Owing to its enormous yield, this is one of the most profitable for main crop. It is somewhat longer than Chantenay.

**Improved Long Orange.** Eleven to 12 inches long,  $2\frac{3}{4}$  inches in diameter, tapered to a point; deep orange. Heavy yielder.

**CHANTENAY LONG TYPE.** An exceptionally valuable variety for market gardeners. The color is appealing, rich deep solid orange throughout. Roots are 7 to 8 inches long, tapering slightly. Tops just long enough to bunch well. Very prolific, brittle, tender; sweet delicate flavor.

**Streamlined.** Roots long, slender, cylindrical. Flesh rich orange, indistinct core, fine-grained, tender, and of excellent quality.

**Nantes.** Six to 7 inches long and  $1\frac{1}{4}$  inches in diameter; stump rooted, orange throughout. Fine quality.

**Oxheart or Guerande.** A short, thick Carrot not exceeding 4 inches in length, and about the same in width, which does quite well on hard, heavy soils where the longer varieties are useless.

**Red-cored Chantenay.** A little more stump-rooted than its famous parent, Chantenay. Deep orange-red core.

## CORN SALAD

*Sow 3 ounces of seed to 100 feet of row*

**CULTURE.** Sow in spring, in drills 1 foot apart; it will mature in 6 to 8 weeks. For winter and early spring use, sow in drills in August and September. Will do well if sown in spring. Large leaved. 45 days.



Chantenay Carrots

## CELERY

*One ounce of seed will produce about 2000 plants*

**CULTURE.** Sow the last of March or early in April, in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 to 6 inches high, transplant 6 inches apart in the rows. Blanch by earthing up. 125 days. Soil A.

**Easy Blanching.** For early use. As self-blanching as White Plume, and simply needs a slight earthing up.

**Fordhook Giant.** Dark green foliage and thick stalks, solid and large; golden heart. 130 days.

**Giant Pascal.** Fancy green. Thick, solid, heavy stalk and a large heart. It is a close, compact grower, and when blanched is a creamy white color.

**Golden Heart.** A showy sort. Solid, of fine flavor, and a good keeper.

**Golden Self-blanching.** American strain. Crisp, delicious, nutty flavor, and absence of strings make our Golden Self-blanching a real delicacy. The stalks are broad, thick and heavy, and easily blanch to a rich, appetizing golden yellow. One of the easiest Celeries to grow, for it blanches with much less earthing up than most sorts.

**Utah Tall Green.** An early full-hearted green type of wonderful flavor and without stringiness. Stems thick, solid and fully rounded.

**White Plume.** Unsurpassed for fall and early winter use, requiring very little earthing up to blanch it.

**Flavoring Celery.** For culinary purposes.

## CRESS

**Curled Cress or Pepper Grass.** Sow in early spring in rows 2 feet apart and repeat often as it runs to seed very quickly. 40 days. Broad or narrow leaf.

**Upland Cress.** The perennial variety. Stays green all year. 60 days.

**Water-Cress.** Sow early in spring near pond or running water; when established will last for years. 50 days. Seed very scarce.



Utah Tall Green Celery

**CELERY PLANTS.** See page 24.

## Celeriac

**Giant Prague.** This is unquestionably the largest and best Celeriac ever introduced. Very large, almost globe shaped, smooth, with only a few roots at the bottom. Flavor is excellent.

## Chervil

Used as a salad seasoner.

## Dandelion

**Improved Thick-leaved.** Perennial.

## The Modern Family Garden Book

Special Edition by ROY E. BILES

128 pages of most useful information. Profusely illustrated. 50c, postpaid 55c.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
<b>CARROTS</b>				
Chantenay Long Type .....	\$0 10	\$0 20	\$0 55	\$1 75
Red-Cored Chantenay .....	10	20	55	1 75
Streamlined .....	10	20	55	1 75
Chantenay .....	10	20	55	1 75
California Bunching .....	10	20	55	1 75
Danvers (Half-Long Orange Carrot) .....	10	20	55	1 75
Oxheart (Guerande) .....	10	20	55	1 75
Nantes .....	10	20	60	2 00
Improved Long Orange .....	10	20	55	1 75
<b>CELERY</b>				
Golden Self-blanching .....	\$0 10	\$0 40	\$0 75	\$2 25
Fordhook Giant .....	10	40	75	2 25
Utah Tall Green .....	10	30	50	1 75
White Plume .....	10	30	50	1 75
Giant Pascal .....	10	30	50	1 75
Golden Heart .....	10	30	50	1 75
Easy Blanching .....	10	30	50	1 75
Flavoring Celery .....		10	35	1 25
<b>CELERIAC</b>				
Giant Prague .....	10	30	50	1 75
<b>CORN SALAD</b> .....	10		30	1 00
<b>CRESS, Curled or Pepper Grass</b> .....	10		25	75
Water .....	20	1 00		
Upland .....	10		25	75
<b>CHERVIL</b> .....	15			
<b>DANDELION, Imp. Thick-leaved</b> .....	15	40	75	

# There's Nothing Like Freshly Picked Sweet Corn

## CAULIFLOWER

Packets, ounces,  $\frac{1}{4}$  pounds and pounds, postpaid. For larger quantities consult chart on page 1.

One ounce of seed will produce 1500 plants

**CULTURE.** Sow seed in hotbeds or window-boxes in February or March and transplant in coldframes. When hard frosts are over, plant outdoors. For second crop, sow in April and set out in May. For late crop, sow in June and set out in July. Plants should be set 2 feet apart in the row. About 90 days. *Soil A.*

**Dry Weather or Danish Giant.** The great drought-resisting variety. The heads are large, snow-white and protected with a liberal growth of foliage. The ideal variety to plant for summer use.

**EARLY SNOWBALL.** Extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to hot-bed culture.

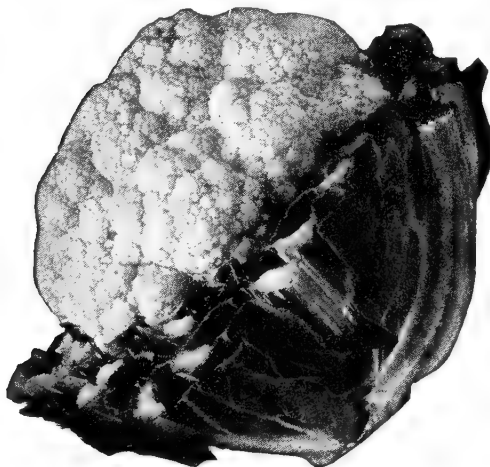
**CAULIFLOWER PLANTS.** See page 24.

## Cardoon

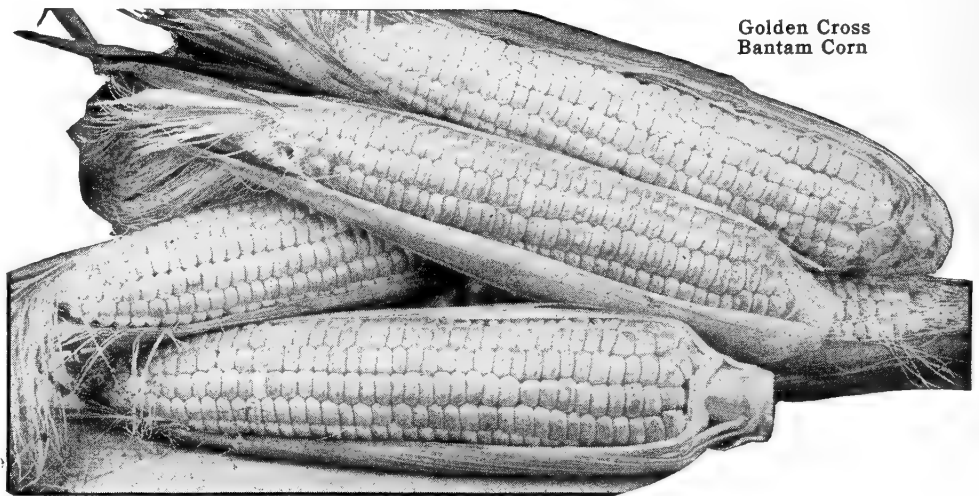
Grown for its stalks, which make a delicious vegetable.

## Celtuce (Burpee's)

A Chinese vegetable, easy to grow and very palatable. Grow like lettuce. The young leaves may be eaten like a salad and the raw stalks like celery or carrots. The cooked stalks have a pleasing taste. *Soil A.*



Early Snowball Cauliflower



Golden Cross  
Bantam Corn

## SWEET or SUGAR CORN

One quart of seed will plant 200 hills; 8 quarts in hills to acre

Sugar Corn varies in weight according to variety. We have decided to list 44 pounds as a bushel, except Adams and Trucker's Favorite, which weigh 56 pounds to bushel.

**CULTURE.** The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm. For a succession, continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills, covering about  $\frac{1}{2}$  inch and thin out to 3 plants to a hill. Extra-early varieties can be planted  $1\frac{1}{2}$  feet apart in the row. The field varieties should be planted 4 feet apart each way, leaving 3 plants to a hill. From 65 to 90 days. *Soil B.*

## NOTICE

For the convenience of our customers, we have marked 5 of the best varieties, as they mature in succession. No. 1 is the earliest and No. 5 the latest.

**No. 1. Golden Bantam.** An extremely early true Sugar Corn. The grain when ripe is a bright golden yellow; flavor is exceptionally rich and sugary. Produces 2 or 3 good ears to the stalk.

**No. 2. Whipple's Early White.** Matures in 65 days. Large ears with wedge-shaped grains of pearly whiteness and high sugar content.

**No. 3. EARLY EVERGREEN.** The large, uniform ears are well filled to the tip with beautiful white kernels. Splendid sort for market and home-garden, being 10 to 12 days earlier than Stowell's Evergreen. Keeps well after being cut.

**No. 4. Country Gentleman or Shoe-Peg.** A short-stalked, productive sort. Ears large for so small a stalk; grain narrow, very deep, of excellent quality.

**No. 5. Stowell's Evergreen.** The ears are large. Grains are deep and sugary.

**Howling Mob.** An early Sugar Corn with fine, large ears. Excellent for truckers or the home gardener.

**The Vanguard.** Large-eared white Sweet Corn of excellent table quality. Matures in 65 to 70 days.

**Golden Giant.** A cross between Golden Bantam and Howling Mob. Ears  $6\frac{1}{2}$  inches long.

**Black Mexican.** An old favorite. Very tender and sweet.

**Early Adams.** Stalks 3 to 4 feet high with ears set within 6 inches of ground. Not a Sugar Corn but a decided acquisition so early in the season.

**Blands Early.** This is the earliest of all Adams Corn.

**Trucker's Favorite.** A late variety of Adams type. Suitable for table or stock. Ears very large, handsome, 14- or 16-rowed.

**Stowell's Hybrid.** Deep narrow kernels on ears  $7\frac{1}{2}$  inches long. Very sweet.

**Country Gentleman Hybrid.** Ears 8 inches long, on a 7-foot plant.

**Golden Cross Bantam.** A cross of two inbred Bantams. It is 4 to 8 days later than Golden Bantam. Has 8-inch ears with 10 to 14 rows of delicious golden yellow kernels. The sturdy stalks grow 6 to  $6\frac{1}{2}$  feet high and are resistant to Stewart's wilt disease. The yield is about twice that of regular strains of Golden Bantam. Matures in 80 days.

**Ioana.** (Hybrid). Ears  $8\frac{1}{2}$  inches long, with 12 to 16 rows of light yellow kernels of excellent quality. Uniform. Stalk 7 to  $7\frac{1}{2}$  feet high. A high-yielding hybrid. 90 days.

**Lincoln.** (Hybrid). Ears 8 inches long, with 14 to 16 rows of yellow kernels of good quality. Stalk  $6\frac{1}{2}$  to 7 feet tall; resists lodging; ears borne high. Primarily for market gardeners wanting large early ears. Good yielder. 82 days.

Prices on bus. lots of Sugar Corn on request

**POSTAGE ON SUGAR CORN EXTRA:**  
Pt. 9c; qt. 10c;  $\frac{1}{2}$ pk. 15c; pk. 20c; bus. 51c, up to 2d zone only. For other zones consult chart on page 1.

### CAULIFLOWER

	Pkt.	$\frac{1}{2}$ oz.	Oz.
Early Snowball	25c and \$0 50	\$1 75	\$3 00
Dry Weather (Danish Giant)	25c and 50	1 75	3 00

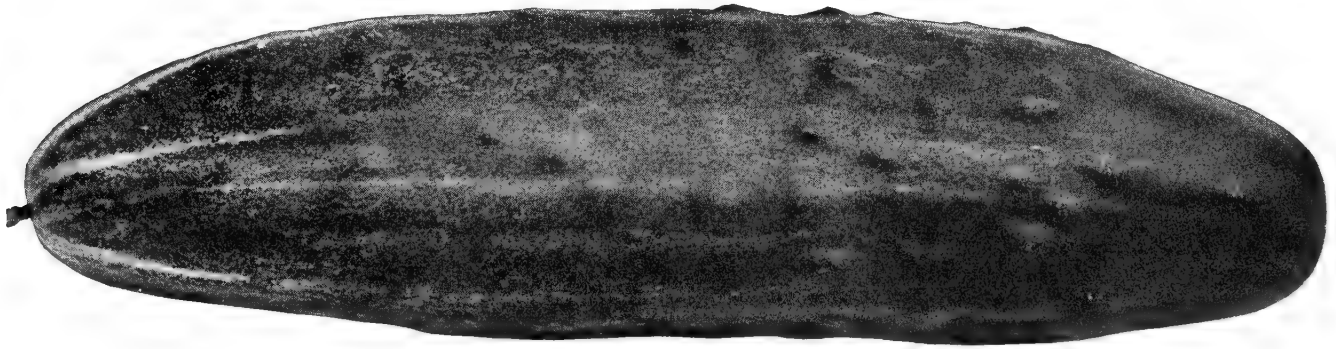
CARDOON	10	50

CELTUCE	15	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.
		\$0 30	\$0 50	\$0 90

### CORN, SUGAR or SWEET

	Pkt.	Pt.	Qt.	$\frac{1}{2}$ pk.	Pk.
No. 1—Golden Bantam	\$0 10	\$0 40	\$0 75	\$2 25	\$4 00
No. 2—Whipple's Early White	10	40	75	2 25	4 00
No. 3—Early Evergreen	10	40	75	2 25	4 00
No. 4—Country Gentleman (Shoe-Peg)	10	40	75	2 25	4 00
No. 5—Stowell's Evergreen	10	40	75	2 25	4 00
Golden Giant	10	40	75	2 25	4 00
The Vanguard	10	40	75	2 25	4 00
Black Mexican	10	40	75		
Howling Mob	10	40	75	2 25	4 00
Stowell's Hybrid	10	60	1 15	3 25	6 00
Country Gentleman Hybrid	10	60	1 15	3 25	6 00
Golden Cross Bantam	10	60	1 15	3 25	6 00
Lincoln	10	60	1 15	3 25	6 00
Ioana	10	60	1 15	3 25	6 00
Blands Early	10	30	55	2 00	3 50
Early Adams	10	30	55	2 00	3 50
Trucker's Favorite	10	30	55	2 00	3 50





Marketer Cucumber

## CUCUMBER

One ounce of seed will plant 50 hills;  
2 pounds, an acre

**CULTURE.** Sow seed after danger of frost is past, using eight to ten seeds to hills spaced 3 to 5 feet apart. About 60 days. Soil B.

**A & C, 60 Days.** Vines healthy, robust and resistant to disease, producing white-spined Cucumbers about 10 inches long.

**Boston Pickle.** Productive and "green," better than any other to "hold color." Black spined.

**Clark's Special.** This main-crop variety holds its color and firmness in distance shipping. Its quality is excellent. Attractive deep green in color, uniform in length (8 to 10 inches), very smooth.

**Early Fortune.** A great favorite with our Anne Arundel County farmers for its early maturity, productiveness, uniformity in large size, and dark green color.

**English Forcing Telegraph.** These are ideal for growing under glass. They produce enormous fruits, generally 1½ to 2 feet long and 3 inches in diameter.

**Colorado.** Slender, dark green. Vigorous, productive. The finest slicing Cucumber.

**Improved Long Green.** Long and crisp. A popular and reliable variety for pickles. 75 days.

**Marketer.** Because of the fine fruit and exceptionally heavy crop, Marketer is rapidly becoming the outstanding favorite with growers of quality Cucumbers. Fruits measure 8 to 10 inches long, are slender, and beautiful deep green. Genuine originator's stock.

**Climbing.** Distinct from other varieties, being a real climber. Very prolific of fruit. An interesting novelty.

**National Pickling.** Fruit straight, with blunt ends, black-spined, deep green. High yielder. 56 days.

**Straight 8.** Attractive dark green Cucumbers of symmetrical form, 8 to 9 inches long, and of the highest quality.

**New Klondike.** Similar to Early Fortune.

**Small Gherkin or Burr.** Used only for pickling while young and tender.

**Syrian.** Vine is similar to cantaloupe. Fruit very fine flavor, easily digestible; as it grows older it makes a good cooking vegetable similar to squash.

We pay postage on packets, ounce, and ¼ pounds. For larger quantities see chart on page 1.

## CHICORY

**Large-rooted.** The roots are dried and ground and used for flavoring or to mix with coffee. It can also be served like salsify. 100 days. Soil B.

**Witloof.** French Endive. Every garden should have a row of this, and we feel sure that every amateur or experienced gardener will be pleased with the results. It is eaten raw as a salad, and is also sometimes cooked like endive. 110 days.

## FIELD CORN 56 lbs. per bus.

**Boone County White.**  
**Collier's Excelsior.** White.  
**Eureka White Ensilage.**  
**Collier's Success.** Yellow.  
**Golden Beauty.**  
**Lancaster County Sure-Crop.** Yellow.  
**Maryland Yellow Dent.**  
**Yellow Leaming.**

All above White varieties, \$6.00 per bus.  
All above Yellow varieties, \$5.50 per bus.

## Certified Hybrid Yellow Field Corn

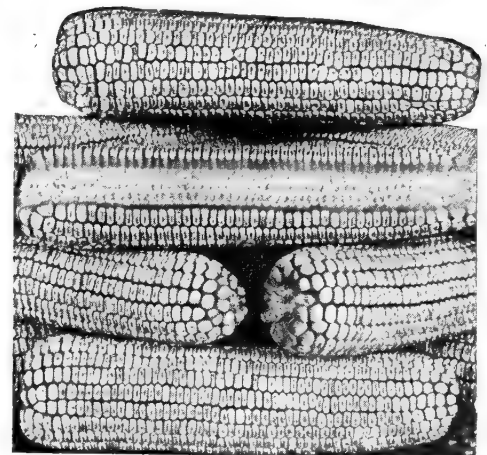
**U. S. 13.** Probably the most interesting thing that can be said about this Hybrid is that it is still the most popular in this territory, by a very wide margin. Our sales of U. S. 13 continue to exceed all other Hybrids combined. In making this statement, we are merely presenting the facts. Its popularity stems from the fact that it meets the fancy and requirements of a majority of farmers. For example, relatively few farmers desire either an early or a late-maturing Corn. Nor do they want either a very large or very small fodder or ear, or a hard or soft kernel. This variety is "medium" in all respects, hence yields well in a wide range of soil fertility and weather conditions. Kernels are deep and rich golden yellow. Ears usually longer than husks, making it easy to husk. As a rule ears are well down on the stalk, which is a very distinct advantage at time of harvesting the crop. Matures in 110 to 115 days.

**90-Day Hybrid.** Wide adaptation. Moderately long ear of medium indentation, deep yellow grain; medium-sized stalks. Matures in 90 days.

## POP-CORN

**South American Yellow Giant.** Makes large, white, beautiful puffs.

Prices on larger quantities on request



U. S. 13 Field Corn

Postage on Corn extra: qt. 10c; pk. 23c; bus. 65c

### CORN, FIELD, HYBRID, and POP

	Qt.	Pk.
Eureka White Ensilage.....	\$0 30	\$1 75
Boone County White.....	30	1 75
Collier's Excelsior.....	25	1 50
Lancaster County Sure-Crop.....	25	1 50
Collier's Success.....	25	1 50
Yellow Leaming.....	25	1 50
Golden Beauty.....	25	1 50
Maryland Yellow Dent.....	25	1 50
Cert. U. S. 13, and Cert. 90-Day Hybrid.....	Bus. \$10.00.	45 2 75

### POP-CORN

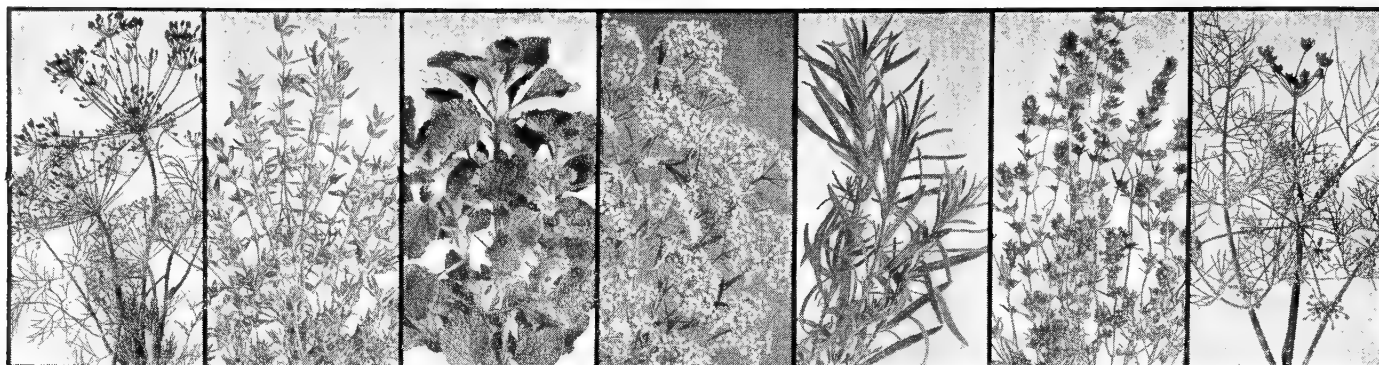
Prices subject to change

	Pkt.	Oz.	¼lb.	Lb.
South American Yellow Giant.....				\$0 25
<b>CUCUMBER</b>				
Marketer.....	\$0 10	\$0 25	\$0 75	\$2 50
Colorado.....	10	25	75	2 50
Straight 8.....	10	25	75	2 50
A & C, 60 Days.....	10	25	75	2 50
Clark's Special.....	10	20	50	1 75
Early Fortune.....	10	20	50	1 75
New Klondike.....	10	20	50	1 75
Improved Long Green.....	10	20	60	2 00
Boston Pickle.....	10	20	50	1 75
National Pickling.....	10	20	50	1 75
Climbing.....	15	35		
Small Gherkin (Burr).....	10	25	75	2 50
Syrian.....	¼oz. 25c.	15		
English Forcing Telegraph. Pkt. of 12 seeds 25c; 100 seeds \$1.25.				

### CHICORY

	Pkt.	Oz.
Witloof (French Endive).....	\$0 15	\$0 25
Large-rooted.....	15	25

## A Garden Is Not Complete without Herbs



Dill

Thyme

Horehound

Anise

Lavender

Sweet Marjoram

Fennel

### EGGPLANT

One ounce will produce about 1000 plants

**CULTURE.** Eggplant seed will not vegetate freely without a strong, uniform heat, and if the plants get the least chilled in the earlier stages of growth, they seldom recover. Therefore, repeated sowings are sometimes necessary. 120 days. *Soil D.*

**Black Beauty.** The earliest large variety. Fruits rich, dark purple.

**New York Improved Purple.** Large, smooth, deep purple fruits free of thorns; flesh white, of excellent quality. Very productive.

**Florida High Bush.** Upstanding; bears oblong purple fruit off the ground.

**EGGPLANT PLANTS.** See page 24.

### ENDIVE

**CULTURE.** Sow in March for an early crop and in July for a second one. Space the plants about 8 inches apart in rows 1½ feet apart. *Soil B.*

**Broad-leaved Batavian.** Escarolle. This variety is chiefly used in soups and stews. It requires to be tied up for blanching.

**Green Curled.** Tender and crisp.

**White Curled.** Self-blanching. Very tender when young.



Black Beauty Eggplant

### HERBS, Culinary and Medicinal

**CULTURE.** Herbs delight in a rich, mellow soil. Sow seed early in spring in shallow drills, 1 foot apart; when up a few inches, thin out to proper distances, or transplant. They should be cut on a dry day just before they come into full blossom, tied in bunches and hung up or spread thinly where they can dry quickly.

**Anise.**

**Balm.**

**Borage.**

**Caraway Seeds.** Used to flavor bread.

**Catnip.**

**Coriander.** No supply.

**Dill.** The seeds are used as a condiment and for pickling.

**Fennel, Sweet.**

**Horehound.** For medicinal purposes and flavoring.

**Lavender.** For flavoring and perfumery.

**Martynia.** The young seed-pods make excellent pickle. No supply.

**Pennyroyal.**

**Peppermint.** No supply.

**Rosemary.** Leaves used for seasoning.

**Rue.** No supply.

**Sage.** For seasoning and dressing.

**Saffron.** For medicinal and coloring purposes.

**Spearmint.** For flavoring. No supply.

**Summer Savory.** Used for flavoring.

**Sweet Basil.** For flavoring soups.

**Sweet Marjoram.** Leaves and ends of shoots used for seasoning.

**Tansy.** The young leaves are used for seasoning.

**Thyme (Broadleaf).** For seasoning, also for making tea for nervous headache.

**Wormwood.** No supply.

**Woodruff (Asperula odorata; Waldmeister).**

A delightful, fragrant little herb which is used in the well-known German drink "Maitrank." No supply.

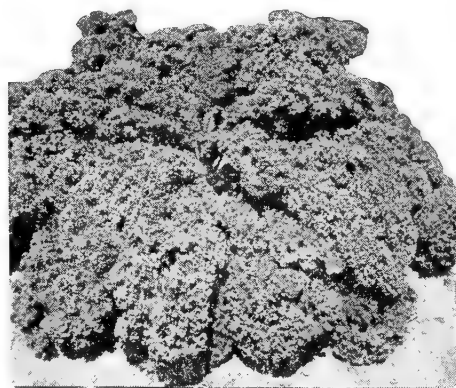
### FINOCCHIO • Fennel

A delicious vegetable which is extensively used in Italy as a salad, but is particularly palatable when served boiled, with a cream dressing. When the enlargement of leaf-stalk, at base of stem, is about the size of a hen's egg it should be earthed up so as to cover half of it, and in about 10 days cutting for use may be commenced and continued as the plants increase in growth. The flavor is somewhat like celery, but it has a sweeter taste and delicate odor. 60 days. *Soil A.*

Packets, ounces, and ¼ pounds postpaid. For larger quantities consult chart on page 1.

EGGPLANT	Pkt.	½oz.	Oz.	¼lb.	Lb.
New York Improved Purple.....	\$0 10	\$0 30	\$0 50	\$1 75	\$6 00
Black Beauty.....	10	30	50	1 75	6 00
Fla. High Bush.....	10	30	50	1 75	6 00
ENDIVE					
Green Curled.....	10		15	50	1 50
White Curled.....	10		15	50	1 50
Broad-leaved Batavian.....	10		15	50	1 50
HERBS					
Anise.....	15		60		
Balm.....	15				
Catnip.....	15				
Pennyroyal.....	15				
Peppermint.....					
Spearmint.....					
Borage.....	15		60		
Caraway Seeds.....	15		75		
Coriander.....	15				
Dill.....	10		15	40	1 25
Fennel, Sweet.....	10				
Tansy.....	15				
Horehound.....	15		60		
Lavender.....	15		2 00		
Martynia.....					
Rosemary.....	15				
Rue.....					
Sage.....	15		1 00		
Summer Savory.....	15		60		
Sweet Basil.....	15		50		
Sweet Marjoram.....	15		1 00		
Saffron.....	15				
Thyme (Broadleaf).....	15		1 00		
Wormwood.....					
Woodruff (Waldmeister).....					
FINOCCHIO (Fennel).....	10		25	75	

*All  
Herbs  
extremely  
scarce*



New Imperial Extra-curved Kale

## KALE

### Dwarf German.

**New Imperial Extra-curved, Long-standing.** The leaves are very crimp and a dark green.

**Spring.** A hardy, quick-growing, smooth-leaved variety. Sow at intervals of 10 days, so as always to have it young and tender. 30 days.

## BORECOLE

### Scotch Kale

For Plants, see page 24

Sow 1 ounce of seed to about 100 feet of drill; 2 to 3 pounds to the acre

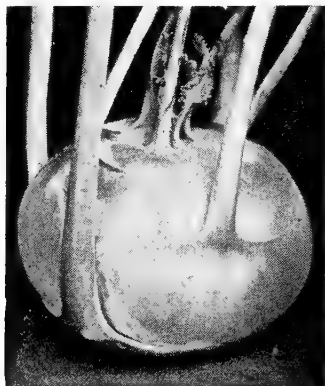
**CULTURE.** May be sown from May to September and is not harmed by cold weather. Plants should be about 18 inches apart, in rows 2½ feet apart. Soil B.

**Dwarf Blue Scotch, Extra Curled.** This Kale is of a dark bluish green color, which it retains without yellowing, even after several days of transportation, thus commanding a higher price when put on the market. It attains a large size and produces a great mass of foliage. In addition it is very hardy and passes the severest winter without being harmed.

**Dwarf Green Curled Scotch or Norfolk.** One of the most popular shipping sorts. Very largely used in Norfolk trucking district.

**Hardy Winter.** Grows 1½ feet high with an abundance of beautiful light green leaves which are densely curled and crumpled. Besides being very hardy it possesses the advantage of all other varieties in forcing a second crop of moss-curved leaves as soon as the first ones are gone. This new growth is of the finest quality and is ready for market during the winter and early spring months, when it demands fancy prices.

**Tall Scotch.** Best for summer. Very spreading, nicely curled and hardy; frost improves it.



White Vienna Kohlrabi

## KOHLRABI

Sow 1 ounce to 150 feet of drill

A favorite vegetable in Europe where it is extensively grown for table use. The bulb is formed above the ground, and, if used when young and tender, makes a most delicate dish. 50 days. Soil A.

**Earliest Purple Vienna.** Same as White Vienna, except in the outside color.

**White Vienna.** Greenish white outside with clear white flesh.

## LETTUCE

### CHOICE STRAINS

Sow 2 ounces of seed to 100 yards of row; 1 ounce for 2000 plants

**CULTURE.** Lettuce is now sown during almost all seasons of the year. For outdoor use seed can be sown in well-manured hotbeds in February and March. Transplant there or outdoors when the weather will permit—10 inches apart in the row. If the Lettuce is not to head, sow thickly and cut as desired. For best results it is well to sow only the varieties suited to the different seasons and conditions. For winter use, sow seed in September in hotbeds and follow it with other sowings for succession. 50 days. Soil A.

**All-Seasons.** A heading variety. Thick leaves; large solid, yellow heads. Succeeds well at all seasons.

**Bibb.** Small, dark green, loose heads of excellent flavor. Should be grown in greenhouse or cool weather only.

**Big Boston.** Old favorite.

**Iceberg.** The earliest and largest header of its class; crisp and tender.

**California Cream Butter.** A good summer sort of reliable heading quality. Yellowish green, slightly marked with brown specks.

**Early Curled Simpson.** Early fine, large, loose heads, finely fringed and curled. Either white or black-seeded varieties.

**Grand Rapids.** Excellent for forcing. Large, loose, yellowish green head of fine quality. Stands well.

**Oak Leaf.** A non-heading Lettuce. Leaves thick, succulent and tender, shaped like an oak leaf. Early type.

Packets, ounces, and ¼ pounds postpaid.



White Boston Special Lettuce

**Great Lakes.** A summer Lettuce which stands heat and sun, and is slow to go to seed. Tender and crisp.

**New York P. W. No. 55.** The earliest-maturing New York, heading in 75 days from seed. No. 55 heads well in summer and early fall. Highly resistant to tipburn and slime. For home and market.

**No. 44 New York or Wonderful.** Also called Iceberg and Los Angeles. This very large-heading Lettuce is desirable not only as a garden variety for summer use but is used as a fall and winter market sort.

**No. 847 Black-seeded New York, Wonderful or Iceberg.** A very fine strain of this desirable Lettuce.

**Romaine Dark Green (Dark Green Cos).** Has long, narrow, upright leaves; does not head, but when tied up blanches very nicely.

**Romaine, White Paris (White Paris Cos).** Like above but for its color.

**White Boston Special.** Green-leaved Big Boston type without the red-tinged leaf-edge. An entirely dependable sort for growing in coldframes and for first field-planting in the early spring.

**Chicken Lettuce.** This is a non-heading Lettuce, quite different from those used for human food. The plants grow 4 feet tall before they run to seed. It is ready for cutting in 45 days after sowing. Planted extensively for feeding poultry and rabbits.

### BORECOLE or SCOTCH KALE.

	Pkt.	Oz.	¼lb.	Lb.
Hardy Winter	\$0 10	\$0 15	\$0 45	\$1 50
Dwarf Green Curled Scotch or Norfolk	10	15	45	1 50
Dwarf Blue Scotch, Extra Curled	10	15	45	1 50
Tall Scotch	10	15	45	1 50
KALE, Dwarf German	10	15	35	1 25
New Imperial Extra-curved, Long-standing	10	15	35	1 25
Spring	10	15	25	60

### KOHLRABI

White Vienna	10	35	1 00	3 50
Earliest Purple Vienna	10	35	1 00	3 50

### LETTUCE

New York P. W. No. 55	10	30	90	3 25
No. 847 Black-seeded New York	10	30	90	3 25
No. 44 New York	10	30	90	3 25
Big Boston	10	20	50	1 75
Iceberg	10	20	60	2 00
Romaine (White Paris Cos)	10	20	50	1 75
Romaine (Dark Green Cos)	10	20	50	1 75
Grand Rapids	10	20	50	1 75
Bibb	15	50	1 50	5 00
Oak Leaf	10	30	90	3 25
Great Lakes	15	50	1 50	5 00
California Cream Butter	10	20	50	1 75
All-Seasons	10	20	50	1 75
White Boston Special	10	20	50	1 75
Early Curled Simpson (either white or black-seeded)	10	20	50	1 75
Chicken Lettuce	10	20	60	2 00



## LEEK

*Sow 1 ounce to 150 feet of row*

**CULTURE.** Sow seed and care for the young plants same as for onions, but they need a little more room to develop fully. When the young plants are about the size of a goose-quill, transplant into a prepared bed, 4 to 5 inches apart in the rows. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use. 85 days. *Soil B.*

**Large Musselburg.** One of the hardiest and largest.

**American Flag.** Produces a large, thick stem and is of mild flavor.

## MUSHROOM SPAWN

**PURE-CULTURE (Spore Process)**

The best procurable. Makes cream-colored Mushrooms. One brick will spawn 10 square feet. Brick 25c, postpaid 32c; 5 bricks \$1.00, postpaid \$1.15; 25 bricks \$4.50, postpaid \$4.85.

**Pure Spore Culture Spawn.** Bottle shape. One carton equals 5 bricks. Carton \$1.00; 12 for \$10.75; 25 for \$21.25; 60 for \$48.00.

**Practical and Scientific Mushroom Culture.** By L. F. Lambert. \$1.00, postpaid \$1.10.

## Mushroom or Hotbed Thermometers

Wood frame. Heavy brass point. Parcel Post weight, 2 pounds. Supply doubtful.

## MUSTARD

*Sow 1 ounce of seed to 100 feet of drill*

**CULTURE.** A pungent salad plant, used like cress; the white seed is also used for flavoring pickles, pepper sauce, etc. For salads, sow thickly in shallow drills 6 inches apart. As plants go to seed quickly, sowings should be made every week or two. To grow white seed, sow in April, in rows 1 foot apart, and thin out to 3 inches apart when 2 inches high. 35 days. *Soil B.*

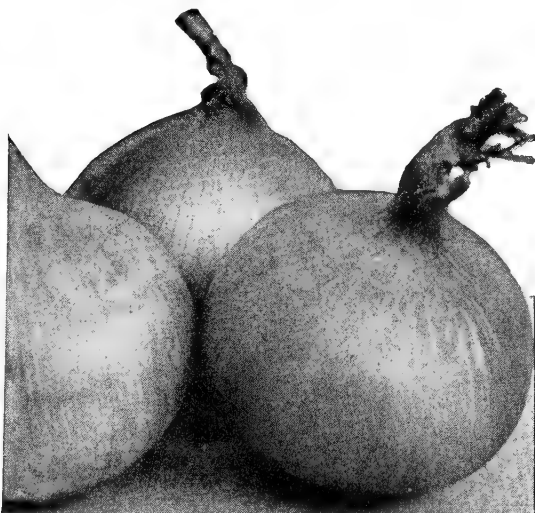
**Fordhook Fancy.** Dark green leaves, more curled on the edges than any other sort.

**Southern Giant Curled.** Large, light green leaves, frilled at edges.

**White English.** Used mostly for the white seeds.

## MUSTARD SPINACH

**Tendergreen.** A quick-growing variety particularly suited to the South. Leaves oblong, thick, fairly smooth, dark green with lighter green ribs; slow to seed, resistant to heat and drought; combines flavors of mustard and spinach.



Yellow Globe Danvers Onions

## OKRA or GUMBO

*Sow 4 ounces of seed to 40 feet of drill*

**CULTURE.** Sow the seed thickly in rich ground about the middle of May, or, when the ground has become warm, in drills 1 inch deep; thin to 10 inches apart in drills. Grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. 60 days. *Soil B.*

**Improved Dwarf Green Prolific.** Of dwarf growth but immensely productive and very early. Short, thick, green pods.

**Perkins' Mammoth-podded.** Pods are of unusual length (8 to 9 inches) and an intense green color. Very superior for canning.

**White Velvet or Lady Finger.** Bears round, white, smooth pods unlike other varieties which are ridged or square edged.

## ONION SETS 32 lbs. per. bus.

*1 quart will plant a row about 50 feet long; 10 to 15 bushels, an acre*

Used for an early crop of Onions, and should be planted just as soon as the ground can be worked. Press the bulb lightly in the ground (do not cover) in rows 1 foot apart, 2 inches apart in the row, so that all the development goes in the Onion. On signs of their going to seed, bend the top over but do not break it off. Shipped on local orders about March 1, unless otherwise requested.

For Parcel Post, add 8c per pt.; 10c per qt.; 13c per ½pk.; 18c per pk.; 44c per bus.

**Ebenezer.** This variety is globe-shaped, about the color of a Yellow Danvers, is very solid and has a mild flavor. It will keep longer than any other variety.

**Large Red Wethersfield.**

**White Silverskin.**

**Yellow Danvers.**

**Multiplier Onion Sets.** White; and **Egyptian Top Onion**, brown—furnished in September and October. Market price.

Prices on Onion Sets subject to change.

Prices on larger quantities furnished on request

We pay postage on all seeds in packets, ounces, and ¼ pounds. For larger quantities, consult chart on page 1.

## ONIONS

**American-grown Seeds**

*Sow 1 ounce of seed to 100 feet of drill; 6 pounds to an acre*

**CULTURE.** For sets, sow the seed as early as possible in the spring, very thickly in drills. As soon as the tops dry off in the summer, remove them to a dry, airy place, and early in the following spring replant by placing the sets in shallow drills 1 foot apart and about 4 inches apart in the drills. The Onions obtained by this process are of large size early in the season; also can be grown to full size during the first season by sowing thinly in drills 1 foot apart and about ¼ inch deep in March or in early April, in strong land, well manured, and thinning them out to stand 3 to 4 inches apart in the drills. About 100 days. *Soil A.*

**Large Red Wethersfield.** Grows to full size the first season from seed. Almost round, large, deep red, and keeps well.

**Prizetaker.** Flesh white, of mild and delicate flavor. Large Onions are raised the first year from seed, and with ordinary culture produce enormous crops. The Onions sometimes go over 3 pounds under good culture and the white flesh is of mild and delicate flavor.

**Southport White Globe.** Perfects a very handsome product within 90 days from sowing seed. The bulbs are pure white, of a very mild flavor, and splendid keepers. The flesh is remarkably firm and solid. It is an enormous yielder and as it is very attractive, always sells at high prices.

**White Bermuda.** They are of a mild and delicate flavor, and keep a long time. Will produce full-grown Onions from seed the same season.

**White Silverskin.** Ripens early; large, mild in flavor, and excellent for winter use. Much esteemed for pickling when small.

**Yellow Globe Danvers.** One of the most extensively used yellow Onions.

**White Sweet Spanish, Riverside.** Large and mild. Good keeper.

**ONION PLANTS.** See page 24.

## Chives (Schnittlauch)

Very mild onion flavor. Used with cottage cheese and on egg omelets.

LEEK	Pkt.	Oz.	¼lb.	Lb.
Large Musselburg	\$0 10	\$0 45	\$1 50	\$5 00
American Flag	10	45	1 50	5 00
MUSTARD				
Southern Giant Curled	10	15	30	85
Fordhook Fancy	10	15	35	1 00
White English	10	25	75	
Mustard Spinach, Tendergreen	10	15	35	1 00
OKRA (Gumbo)				
White Velvet (Lady Finger)	10	15	40	1 25
Improved Dwarf Green Prolific	10	15	40	1 25
Perkins' Mammoth-podded	10	15	40	1 25
ONIONS				
Prizetaker	10	35	1 25	4 00
Large Red Wethersfield	10	35	1 25	4 00
White Sweet Spanish, Riverside	10	45	1 50	5 00
White Silverskin	10	35	1 25	4 00
Southport White Globe	10	45	1 50	5 00
White Bermuda	15	75		
Yellow Globe Danvers	10	30	1 00	3 50
CHIVES (Schnittlauch)	15	1 00		
ONION SETS Write for prices on larger quantities. Prices subject to change				
Yellow Danvers	\$0 25	\$0 85	\$1 50	
Ebenezer, Yellow	25	85	1 50	
Large Red Wethersfield	25	85	1 50	
White Silverskin	25	85	1 50	
Multiplier, Fall delivery only	Market price			
Egyptian Top, Fall delivery only	Market price			

See Parcel Post rates on Onion Sets in middle column

## MUSKMELONS or CANTALOUPEs

*Sow 1 ounce of seed to about 50 hills; 2 to 3 pounds in hills to an acre*

**CULTURE.** Melons do best in a light or sandy soil, but with a little labor in preparing hills they can be grown in almost any warm, sunny location. Make hills 5 feet apart each way, putting two or three shovelfuls of well-rotted manure in each hill; pack it down tight, cover it with 3 inches of fine, loose soil, making hills 1 foot in diameter. When the weather is quite warm, scatter 10 to 15 seeds thinly over the surface of the freshly made hills and cover with  $\frac{1}{2}$  inch of fine soil. When the young plants are well established, thin out to the best three plants. For early use, sow in hotbed, on piece of sod or in pots. From 65 to 100 days. *Soil B.*

### Green-Fleshed Varieties

**Baltimore Nutmeg.** Large, oval, deeply netted; solid green flesh of fine quality.

**Bottomly.** True Anne Arundel strain. Medium size, oblong, deeply netted; green flesh and delicious flavor.

**Knight.** Regular stock.

**Long John.** A product of Anne Arundel County. It averages 8 to 10 inches in diameter, is deeply netted and ribbed; flesh green, thick, and deliciously flavored.

**New Honeydew.** A melon with smooth, almost white rind, measuring about 6 inches in diameter by 7 to 8 inches long. Thick green flesh of a peculiar sweet flavor, resembling a well-ripened banana.

**Rocky Ford.** Early. Small, oval; green flesh of excellent quality. A good shipper.

### Salmon-Fleshed Varieties

**Banana.** The flesh (the melon is nearly solid) is of a rich salmon and is fragrant. The quality is first rate when the melon is thoroughly ripe. It grows from 20 to 28 inches in length and is very prolific.

**No. 36. Hale's Best.** Very early. An oval melon with heavy netting and ribs hardly apparent. Flesh exceptionally thick, firm, of fine, sweet flavor, deep salmon, with very small seed-cavity. It is ready for market in about 70 days.

**Hearts of Gold.** A fair-sized melon, with distinct ribs and quite heavily netted. The rich, golden flesh has a most excellent flavor and is very deep, having only a small seed-cavity. As a shipper the high quality is retained perfectly after traveling long distances.

**Honeydew.** Pink-fleshed, same as the green one, with the exception that the flesh is of a beautiful pink tint and highly flavored.

**Pride of Wisconsin.** Oval in shape, with tough, heavily netted rind. Flesh deep orange and very thick. Sweet; excellent quality.



No. 36. Hale's Best Cantaloupe

## WATERMELON

*Sow 1 ounce of seed to 30 hills; 4 to 5 pounds to an acre*

**CULTURE.** Watermelons should be planted in hills 8 to 10 feet apart. Otherwise for culture, see directions for Cantaloupes. Do not grow them near pumpkins or gourds. About 85 days. *Soil B.*

**Dixie Queen.** The sparkling, crisp, rich scarlet flesh is firm, sweet, and juicy right up to the rind, which is thin but tough. It is a splendid shipper.

**Dude Creek.** Large, long, cylindrical. Blunt ended, 40 to 50 lbs. Hard, thin rind, white, dark green irregular stripes. Flesh bright red; solid, sweet, flavorful.

**Florida Favorite.** Large, long, striped melon, excellent for family garden. Rind thin, but firm; flesh very deep red and exceptionally sweet. Splendid shipper.

**Florida Giant or Cannonball.** An all-purpose melon good for shipping. Vigorous and prolific. Large, dark green, nearly round. Flesh bright red, crisp and sweet.

**Garrison or Croaker's Special.** Oblong, with dark stripes. Splendid shipper.

**Golden Heart.** A decided novelty in Watermelons, producing melons which have delicious yellow meat almost to the rind.

**Halbert's Honey.** A medium-early, home and truck-gardening sort. Large, oblong to cylindrical, dark green. Sweet, tender, crimson flesh.

**Hawkesbury.** Excellent market sort of fine eating quality, uniform shape, and highly resistant to fusarium wilt. Vines vigorous. Melons weigh 30 pounds or more. Light gray-green rind which is tough. Flesh red, no trace of hard centers. Black seeds.

**Kleckley Sweet.** Fruits large, oblong, with dark green skin and very thin, quite brittle rind. Flesh bright scarlet, with broad, solid heart, most crisp, sugary, and melting; entirely free from any stringiness.

**Stone Mountain.** A round melon up to 50 pounds. Dark green skin. Deep red flesh, almost all heart; very sweet. For the home-garden and near-by markets. 90 days.

**Tom Watson.** A large, long melon with dark green rind and light crimson flesh of excellent quality. A splendid shipper.

**Leesburg.** Wilt-resistant Kleckley Sweet.

**Blacklee.** Wilt-resistant. This oblong shipping melon is of the finest quality and an excellent keeper.

**Burrell's Grey.** Another fine wilt-resistant shipping melon.

**CITRON.** Grows uniformly round and smooth, striped and marbled with light green. Flesh white and solid; seeds red. Not used for eating in the raw state, but for preserves, pickles, etc.

**WATERMELON SEED.** For medicinal purposes.

It is important to use SPERGON on Cantaloupe and Watermelon seeds. See page 43.

MUSKMELONS (CANTALOUPEs), Green-fleshed	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Long John.....	\$0 10	\$0 30	\$0 90	\$3 00
Bottomly.....	10	20	65	2 00
Knight.....	10	20	65	2 00
Rocky Ford.....	10	20	65	2 00
Baltimore Nutmeg.....	10	20	65	2 00
New Honeydew.....	10	20	65	2 00
MUSKMELONS (Cantaloupes), Salmon-fleshed				
Hearts of Gold.....	10	20	75	2 50
No. 36. Hale's Best.....	10	20	60	2 00
Pride of Wisconsin.....	10	25	75	2 50
Banana.....	10	25	75	2 50
Honeydew.....	10	20	75	2 50
WATERMELON				
Florida Favorite.....	10	20	50	1 50
Florida Giant or Cannonball.....	10	20	65	2 00
Dixie Queen.....	10	25	75	2 50
Stone Mountain.....	10	20	60	1 75
Golden Heart.....	10	25	60	2 00
Hawkesbury.....	10	25	75	2 50
Tom Watson.....	10	20	50	1 50
Halbert's Honey.....	10	20	50	1 50
Kleckley Sweet.....	10	20	50	1 50
Dude Creek.....	10	20	50	1 50
Garrison or Croaker's Special.....	10	30	90	3 00
Leesburg.....	10	20	60	2 00
Blacklee.....	10	25	75	2 50
Burrell's Grey.....	10	25	75	2 50
WATERMELON SEED (Medicinal)				50
Citron.....	10	20	50	1 50



Champion Moss Curled Parsley

## PARSLEY

Sow 1 ounce of seed to 150 feet of drill

**CULTURE.** Parsley requires rich, mellow soil. The seed is even slower than that of the parsnip in germinating and should be sown as early as possible in the spring, in drills 1 foot apart. When plants are well up, thin to 1 foot in the row; when about 3 inches high, cut off the leaves and the plant will start a new growth. 70 days. *Soil A.*

**Champion Moss Curled.** A distinct variety of unequalled merit, perfectly hardy and vigorous.

**Paramount.** Very handsome; dark green; beautifully curled. Hardy and productive; very slow going to seed. It can be cut the year round.

**Plain or Single.** Very hardy and strongly flavored.

**Turnip-rooted or Hamburg.** The fleshy root is used for flavoring soups, stews, etc.

## 1001 Garden Questions Answered

By Alfred C. Hottes Third Edition  
388 pages; 160 illus. \$2.75, postpaid \$2.90

An amazing collection of useful information for the amateur gardener wishing to plan and manage his own home grounds. Answers to all kinds of garden questions, from what to plant on the north side of the house to what time to put waterlilies in the pool, will be found in this new and vastly improved edition.

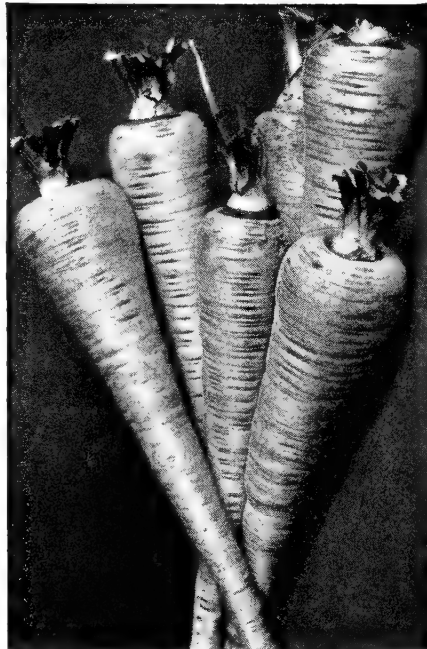
## PARSNIP

Sow 1 ounce to 200 feet of drill;  
5 to 6 pounds to an acre

**CULTURE.** Sow as early in the spring as the weather will permit, in drills 16 inches apart and  $\frac{1}{2}$  inch deep, in a rich, deep soil; thin out to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. 100 days. *Soil B.*

**All-American.** Resembles Hollow Crown but roots slightly shorter, very free from side roots, uniform, with distinct hollow crown; tender and of fine flavor.

**Improved Hollow Crown.** A great cropper. Roots long, very smooth, white, tender, sugary, and of excellent flavor.



Improved Hollow Crown Parsnips



We pay postage on packets, ounces, and  $\frac{1}{4}$  pounds. For larger quantities see chart on page 1.

## PEPPER

One ounce of seed will produce 1000 plants

**CULTURE.** Sow in hotbeds in March or April, or in a warm, sheltered border in May. When the season is favorable, transplant in rows 2 feet apart and  $1\frac{1}{2}$  feet apart in row, in good, rich ground. About 120 days. *Soil C.*

**California Wonder.** While similar both in size and shape to the Chinese Giant, this Pepper is much heavier, the meat being about three times as thick. The flavor is sweet, excellent, and the keeping quality could not be better. A medium-sized Pepper will average  $\frac{1}{2}$  pound or better in weight when ready for marketing.

**Chinese Giant.** A real monster Pepper, perfectly sweet. The fruit is green, turning to bright scarlet. Matures very late.

**Golden Dawn.** Large, very sweet yellow.

**Hungarian.** Pale yellow turning to crimson. Very prolific.

**Crimson Giant.** A large Pepper of the finest quality, the flesh being so thick and tender that it can be fried like meat and so sweet that it can be eaten like an apple. It is an early variety and is a generous producer.

**Perfection Pimiento.** Very fleshy and sweet.

**Ruby King.** Good for mangoes or pickling. Large, very sweet; quite productive.

**World Beater.** Excellent market-gardeners' sort. Early.

## Hot Varieties

**Red Cherry.** A small, round Pepper.

**Small Chili.** Small, conical pods. Very hot.

**Large Bell.** Large, early, hot, thick flesh.

**Long Red Cayenne.**

**Hungarian.** Pale yellow turning to crimson.

**PEPPER PLANTS.** Listed on page 24.

## IMPROVED JUMBO PEANUTS

**CULTURE.** Plant in May or early June, in rows about  $2\frac{1}{2}$  to 3 feet apart, dropping the nuts 8 to 10 inches apart, one in a hill. Cover 1 or 2 inches deep. Cultivate 3 or 4 times with a cultivator, so as to loosen the earth and keep down weeds, and at the last working, with a shallow turn-plow, throw the dirt to the nuts. *Special price on large quantity. Soil D.*

California Wonder Pepper



PARSLEY		Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.	
Paramount	.....	\$0 10	\$0 20	\$0 50	\$1 50	
Champion Moss Curled	.....	10	15	40	1 25	
Plain (Single)	.....	10	20	50	1 50	
Turnip-rooted (Hamburg)	.....	10	20	50	1 50	
PARSNIP						
Improved Hollow Crown	.....	10	15	40	1 25	
All-American	.....	10	15	40	1 25	
PEANUTS, M.-S. Improved Jumbo				15	50	
PEPPER		Pkt.	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.	Lb.
California Wonder	.....	\$0 10	\$0 35	\$0 60	\$2 00	\$7 50
Chinese Giant	.....	10	35	60	2 00	7 50
Crimson Giant	.....	10	30	50	1 75	6 00
Perfection Pimiento	.....	10	35	60	2 00	7 50
Ruby King	.....	10	30	50	1 75	6 00
World Beater	.....	10	30	50	1 75	6 00
Golden Dawn	.....	10	40	75		
Large Bell Hot	.....	10	30	50	1 75	6 00
Long Red Cayenne	.....	10	30	50	1 75	6 00
Small Chili	.....	10	30	50	1 75	6 00
Red Cherry	.....	10	40	75		
Hungarian, Hot and Sweet	.....	10	50	1 00		



# PEAS Superior Hand-Picked

Nitragin—the best inoculation for Peas. See page 9

Prices on larger quantities on application

Prices on all Peas are subject to market changes

Sow 1 quart of seed to 200 feet of row; ½ to 2 bushels to an acre in drills

**CULTURE.** Peas succeed best in light, dry, loamy soil. Sow the early, smooth, round sorts as early in the spring as the ground can be worked. Seeds of wrinkled varieties are more liable to rot if the ground is cold, and must be planted later. Sow in single or double rows, 2 to 3 feet apart, 1 inch apart in the drill, and not less than 4 inches deep; for late sorts 5 to 6 inches deep. Deep planting prevents mildew. Soil B.

If to be sent by Parcel Post, add 8c per pt.; 10c per qt.; 16c per ½pk.; 25c per pk.; 75c per bus. These rates apply up to 2d Zone only. For other Zones consult chart on page 1.

## Extra-Early Varieties

Weight, 60 pounds per bushel. About 50 days

**Early Bird.** As early as Alaska and First and Best and as large as Thomas Laxton or Gradus. Dwarf, vigorous vines about 2 feet high, covered with immense pods filled with delicious Peas. Perfectly hardy. Can be planted as early as any variety.

**Extra-Early Alaska.** Popular among market gardeners for an early crop. The pods are of medium size, dark green and ripen almost at one time.

**Mammoth-podded Extra Early.** A very productive and extra-fine sort.

**Long-podded Alaska or Bountiful.** Vines 3 feet high and heavy bearers. The pods, 3 inches long, mature shortly after Alaska, and are well filled with sweet, tender Peas.

## Early Wrinkled Varieties

Weight, 56 pounds per bushel. About 55 days

**Early Giant.** A handsome, large-podded variety for truckers or home-garden. Vines dark and heavy, 22 inches. Pods measure from 4¼ to 5 inches, dark green, and filled with large, wrinkled luscious Peas. Excellent for freezing.

**Early Wonder.** Extremely early, of high quality and very productive. Pods are dark, long, well filled, and handsome. Can be shipped long distances.

**Gradus or Prosperity.** The pods, fully as long as those of the well-known Telephone, contain very large Peas that are unexcelled for sweetness.

**Laxtonian.** Hundredfold strain, sometimes called Blue Bantam. Pods 3½ to 4 inches long, slightly curved. Very heavy yielder.

**Laxton's Progress.** Vines dwarf, 18 to 22 inches tall, dark green, prolific. Pods dark green, fully 4 inches long. 60 days.

**WORLD'S RECORD.** Medium-height vines with dark green, heavy foliage, bearing large, handsome, well-filled pods measuring sometimes 4 inches and longer, filled with from 8 to 12 tender, luscious Peas.

**Thomas Laxton.** Old stand-by.

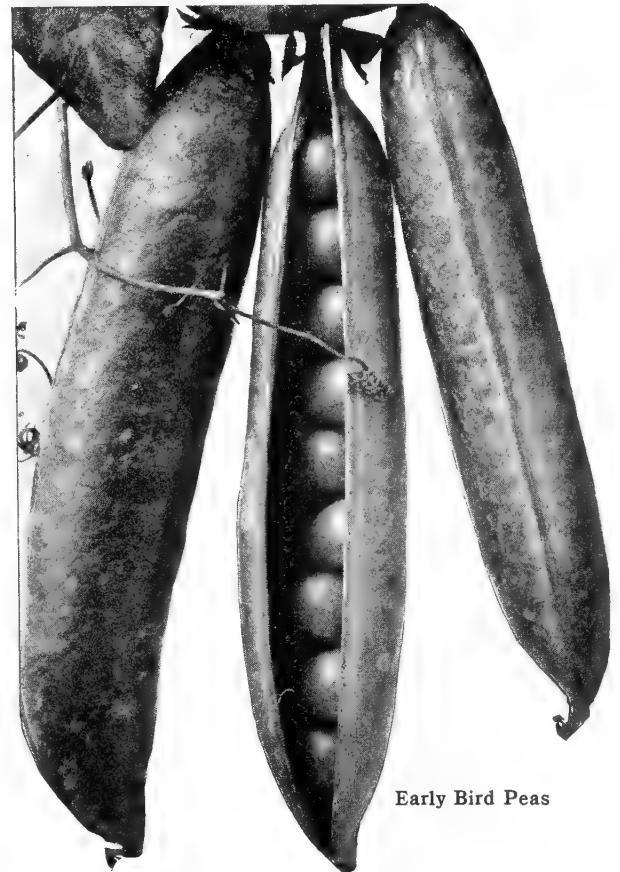
## Medium-Early Wrinkled Varieties

Weight, 56 pounds per bushel. About 60 days.

**Daisy or Dwarf Telephone.** The pods are well filled with large Peas of most excellent quality. The vines are 16 to 18 inches high, and, being strong and thrifty, require no support

**LITTLE MARVEL.** It matures very early and produces large crops. The vines grow about 15 to 18 inches high. Pods are dark green, fair sized, produced in pairs, and are closely filled with 7 to 8 Peas of extra-fine flavor.

**Nott's Excelsior.** Resembling Little Marvel in habit and growth.



Early Bird Peas

## Late Wrinkled and Edible-Podded Varieties

Weight, 56 pounds per bushel. About 70 days.

**Champion of England.** 4½ feet high.

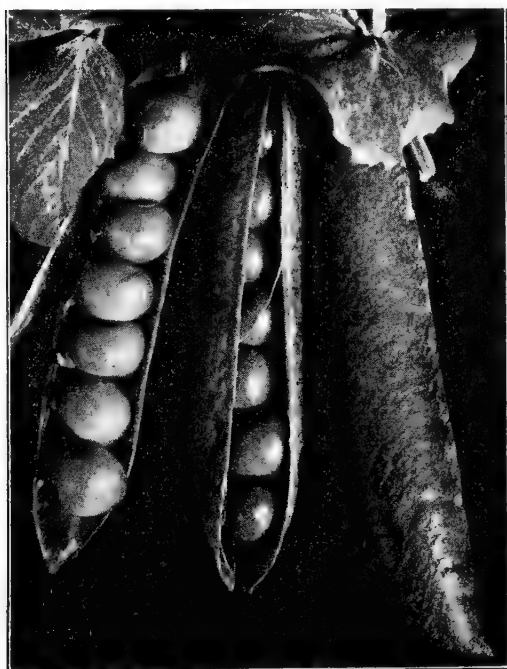
**Telephone.** For general planting this tall-growing variety is undoubtedly the most popular among market gardeners. The pods, 4 to 4½ inches long, are light green in color and filled with large, sweet, tender Peas.

**Dwarf Grey Melting Sugar.** The pods as well as the Peas of this variety are edible and both very sweet. Gray Seed.

**Tall White Melting Sugar.** Like the dwarf, the pods as well as the Peas are eatable and both very sweet. White Seed.

**Mammoth Luscious.** Edible pod. Gray Seed.

**Black-eyed Peas.**



Little Marvel Peas

	Pkt.	Pt.	Qt.	½pk.	Pk.
PEAS, EXTRA-EARLY					
Early Bird.....	\$0 10	\$0 40	\$0 75	\$2 25	\$4 00
Long-podded Alaska (Bountiful).....	10	40	75	2 25	4 00
Mammoth-podded Extra Early.....	10	40	75	2 25	4 00
Extra-Early Alaska.....	10	30	55	1 65	3 00
PEAS, EARLY WRINKLED					
Early Wonder.....	10	40	75	2 25	4 00
World's Record.....	10	40	75	2 25	4 00
Laxton's Progress.....	10	40	75	2 25	4 00
Laxtonian, Hundredfold strain.....	10	40	75	2 25	4 00
Thomas Laxton.....	10	40	75	2 25	4 00
Gradus (Prosperity).....	10	40	75	2 25	4 00
Early Giant.....	10	40	75	2 25	4 00
PEAS, MEDIUM-EARLY WRINKLED					
Little Marvel.....	10	40	75	2 25	4 00
Nott's Excelsior.....	10	40	75	2 25	4 00
Daisy (Dwarf Telephone).....	10	40	75	2 25	4 00
PEAS, LATE.....					
Telephone.....	10	40	75	2 25	4 00
Champion of England.....	10	40	75	2 25	4 00
PEAS, EDIBLE-PODDED					
Dwarf Grey Melting Sugar Peas.....	10	40	75	2 25	4 00
Tall White Melting Sugar Peas.....	10	40	75	2 25	4 00
Mammoth Luscious.....	10	50	95	2 75	5 00
Black-eyed Peas.....	10	40	75	2 25	

## POTATOES

Maine-grown U. S. Certified

Prices subject to market fluctuations. Prices on bag lots or larger quantities on application.

Present price of all kinds, peck and bushel lots, \$1.00 per pk.; \$3.50 per bus.

If wanted by Parcel Post, add 25c to pk.; 75c to bus., for 1st and 2d Zones. For other Zones, consult chart on page 1.

**CULTURE.** Planting may commence as early in the spring as the ground can be worked. Place one piece every 1 foot in rows 2½ feet apart, covering about 4 inches. When cutting the seed, allow two eyes to each piece. *Soil D.*

**Plant 8 to 10 bushels of Seed Potatoes per acre**

**Chippewa.** Originated by U. S. Dept. of Agric. Seven to ten days later than Irish Cobbler. Immune to mosaic and superior to Cobbler in smoothness and whiteness. During the past 5 years it has outyielded the best strains of Cobbler on both muck and upland soils.

**Irish Cobbler.** An early Potato of exceptional merit which has given our trade entire satisfaction. Round; flesh white; eyes strong and deeply set.

**Katahdin.** Originated by U. S. Dept. of Agric. Handsome, shallow-eyed, glossy, white-skinned variety that matures a little earlier than Green Mountain and the Rurals. Beats all varieties in uniformity of shape, size, and general appearance.

**Red Bliss.** Very early. Thin, red skin; round; white flesh.

**Improved Green Mountain.**

**Dakota Reds.**

Both late sorts. Prices furnished on application.

**CHOICE SEED SWEET POTATOES.**

Leading varieties. Prices on application.

**SWEET POTATO PLANTS.** See page 24.

**FOR LARGER CROPS, DIP WITH SEMESAN BEL**



Katahdin Potatoes



Green-striped Cushaw Pumpkin

## PUMPKIN

We pay postage on packets, ounces, and ¼ pounds. See chart on page 1.

*Sow 1 ounce to 15 hills; 3 to 4 pounds to an acre*

**CULTURE.** Sow in the month of May. Make hills the same as you do for squashes but do not make them too close. About 85 days. *Soil D.*

**Connecticut Field Pumpkin.** Very productive; for feeding stock.

**Cushaw or Winter Crookneck.** An old standard variety which is very popular. It is also used for feeding stock. Long, yellow crookneck, fine-grained yellow flesh, very solid.

**Cushaw Striped.** Same as above, but it is green and white striped.

**Oriental Pie.** Flesh very thick, rich salmon color, fine grain, dry and sweet.

**King of the Mammoths or Pot Iron.** An immense variety, which always wins the prize offered for the largest and best Pumpkins; grown to weigh over 200 pounds. Flesh of a rich, golden yellow; a splendid keeper.

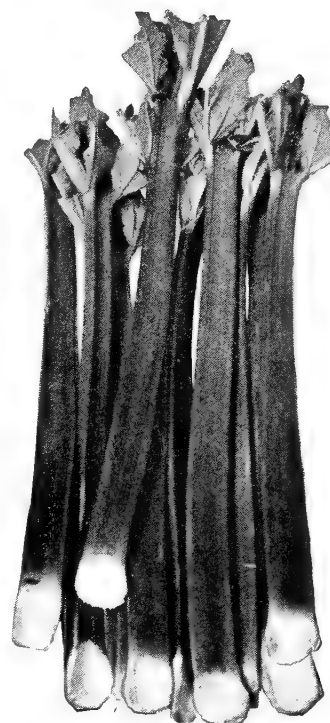


Sugar Pie Pumpkin

**SUGAR PIE.** These Pumpkins are small but are of the best quality, with very sweet, fine-grained flesh which makes the very finest of pies.

**Tennessee Sweet Potato.** Pear-shaped, medium size; flesh and skin creamy white, fine grained, sweet. A first-rate keeper.

**Winter Luxury.** A very good keeper and a splendid pie Pumpkin; shape round; skin finely netted and beautiful russet-yellow color; flesh thick.



Myatt's Victoria Rhubarb

## RHUBARB

**CULTURE.** Sow seed in a coldframe, in a fine, rich sandy loam, about March 1, in drills 4 inches apart. Keep the frames covered during nights and cold days, so that the soil will not freeze, and in 6 to 8 weeks the plants will be large enough to set out in the open ground. Transplant to rich soil and set 1 foot apart in rows. The following spring transplant to a permanent location, setting 4 to 5 feet apart each way. In good soil Rhubarb is ready to use the second year from seed.

If our 2-year-old roots are used, a crop may be had the same season, which is much better than sowing seed where only a few plants are needed for family use. In the fall the bed should have a thick dressing of coarse manure to be spaded under in spring. *Soil B.*

**Myatt's Victoria.** The leading variety.

**RHUBARB ROOTS.** See page 24.

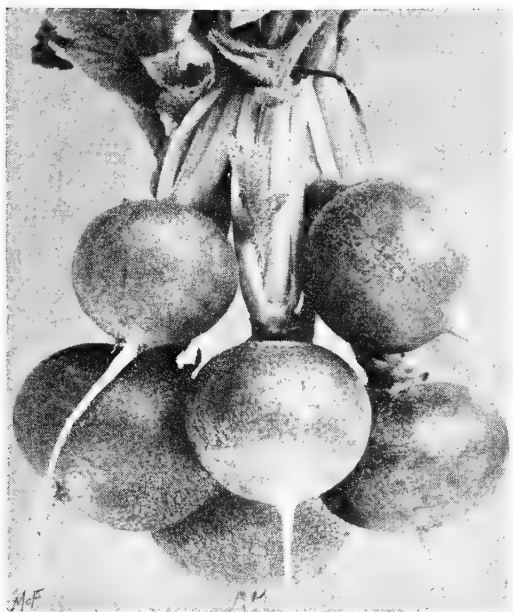
## SORREL or SOUR GRASS

**CULTURE.** Sow in spring in rich soil, in drills 1½ feet apart, and keep the flower-stems cut off as they appear. It remains in the ground year after year, and only needs to be taken up and divided once in 4 to 5 years. Cut and cook precisely like spinach; or it is excellent cooked with it, one-third Sorrel to two-thirds spinach. It is also used for soups. Inasmuch as the hot sun tends to increase its acidity, a northern exposure is preferable.

**Broad-Leaf**

PUMPKIN	Pkt.	Oz.	¼lb.	Lb.
King of the Mammoths (Pot Iron)	\$0 10	\$0 25	\$0 60	\$2 00
Cushaw (Winter Crookneck)	10	20	50	1 50
Cushaw Striped	10	20	50	1 50
Oriental Pie	10	20	50	1 50
Tennessee Sweet Potato	10	20	50	1 50
Winter Luxury Pumpkin	10	20	50	1 50
Sugar Pie	10	20	50	1 50
Connecticut Field Pumpkin	10	15	40	1 25
<b>RHUBARB</b>				
Myatt's Victoria	10	30	1 00	3 00
<b>SORREL (Sour Grass)</b>				
Broad-leaf	10	30		

ALL PRICES ARE SUBJECT TO CHANGES



Early Scarlet Globe Radishes

## RADISH SELECTED SEED

Sow 1 ounce of seed to 50-foot drill;  
10 pounds in drills to an acre

**CULTURE.** To be tender and crisp Radishes must be grown quickly, and this requires rich soil and plenty of moisture. Commencing with the first mild spell in the spring, sow at intervals of 10 days. May also be sown as a catch crop between rows of beets, lettuce, onions, etc. Radishes can be forced in hotbeds, but must have plenty of ventilation and moisture. *Soil B.*

### Early Varieties

25 to 30 days

**Early Scarlet Globe.** Can be used for forcing and regular outdoor planting. Small, round, red; with rich, crisp, tender flesh.

**Early Long Scarlet Short-Top.**

**Early French Breakfast.** Rapid grower. Oblong shape; very mild and tender; beautiful scarlet color, tipped with white.

**Icicle.** Slender, smooth, pure white roots that average about 6 to 7 inches long when matured. Quite early and of excellent quality.

**Long White Vienna or Lady Finger.**

**New Glass or Cincinnati Market.** A long scarlet Radish with a distinctive white tip. Fine for home-garden as well as an attractive one for market stall.

**White-tipped Scarlet Globe.** A good, very early forcing variety. Small; bright scarlet with white tip; good quality.

### Summer Radishes

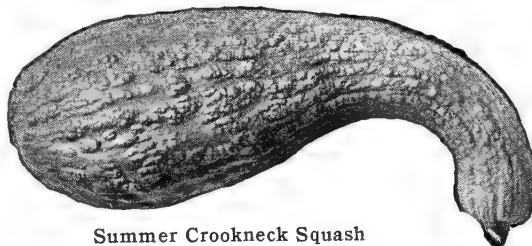
**Large White Stuttgart.** Very large, top-shaped; flesh and skin white, fine quality, firm, and brittle, seldom pithy. Can be stored for winter.

**White Strasburg.** Handsome; oblong, tapering; skin and flesh pure white, firm, brittle, tender, retains its crispness even when roots are old and large. Withstands severe heat and grows quickly.

## ROQUETTE OR RUCOLA

Grown for greens. Forms rosettes of oblong, divided, dull green leaves, thick in texture and of a mildly pungent flavor. 40 days.

We pay postage on packets, ounces, and 1/4 pounds. For larger quantities consult chart on page 1.



Summer Crookneck Squash

### RADISH, EARLY VARIETIES

	Pkt.	Oz.	1/4 lb.	Lb.
Early Scarlet Globe.....	\$0 10	\$0 15	\$0 25	\$0 90
French Breakfast, Early.....	10	15	35	1 00
Early Long Scarlet Short-Top.....	10	15	35	1 00
Icicle.....	10	15	35	1 00
Long White Vienna (Lady Finger).....	10	15	35	1 00
New Glass (Cincinnati Market).....	10	15	35	1 00
White-tipped Scarlet Globe.....	10	15	35	1 00

### RADISH, SUMMER VARIETIES

White Strasburg.....	10	15	40	1 25
Large White Stuttgart.....	10	15	40	1 25

### RADISH, WINTER VARIETIES

Long Black Spanish.....	10	15	40	1 25
Round Black Spanish.....	10	15	40	1 25
China Rose (Scarlet China).....	10	15	40	1 25
White Chinese (New Celestial).....	10	15	40	1 25

### ROQUETTE or RUCOLA.....

15 90

### SQUASH

Early White Bush.....	10	20	50	1 50
Green-tinted Bush.....	10	20	50	1 50
Summer Crookneck, Bush Variety.....	10	20	50	1 50
Giant Yellow Straightneck.....	10	20	50	1 50
Hubbard.....	10	20	60	2 00
Golden Hubbard.....	10	20	60	2 00
Boston Marrow.....	10	15	40	1 25
Blue Hubbard.....	10	20	60	2 00
Acorn (Table Queen).....	10	20	50	1 50

### Winter Varieties

60 days. Plant after August 15 and through September

**China Rose or Scarlet China.** Bright rose-colored, stump-rooted Radish of excellent quality.

**Long Black Spanish.** Large Radish with black skin and white, firm flesh. Grows 6 to 8 inches long.

**Round Black Spanish.** Like the above, except that it is round.

**White Chinese or New Celestial.** Large, stump-rooted; white skin and flesh, mild in flavor, brittle and never woody. A splendid keeper.

## SQUASH

**Bush Sorts:** Sow 1 ounce of seed for 50 hills; 5 to 6 pounds to an acre. **Running Varieties:** 3 to 4 pounds in hills to an acre

**CULTURE.** Plant in hills, as for cucumbers and melons, the bush kinds 3 to 4 feet apart, the running kind 6 to 9 feet apart.

### RUNNING VARIETIES

**Blue Hubbard.** A selection from the original Hubbard. Fruit large, gray-blue, remarkably good keeper and excellent quality. Running variety. Late.

**Hubbard.** An excellent keeper of splendid quality. Vines of strong, running growth. Large, olive-shaped fruits with dark green skin; rich flesh. Late.

**Golden Hubbard.** Like the above but of a beautiful orange-red color. Late.

**Boston Marrow.** Large, oval, hard-shelled sort, highly esteemed for winter use. Bright orange skin and deep orange flesh. Strong running growth. Late.

### BUSH VARIETIES

**Early White Bush.**

**Giant Yellow Straightneck.** Like Crookneck, but straight and thicker.

**Green-tinted Bush.** Particularly desirable for market gardeners on account of its green-tinted, well-scalloped, uniform, small-sized fruit.

**Summer Crookneck, Bush Variety.** About 1 foot long, with crooked neck; bright yellow, warty shell, hard when ripe.

**Acorn or Table Queen.** A green-shelled variety resembling an acorn in shape; orange flesh. Weighs about 1 pound. Used when mature; cut in half, it bakes dry and sweet. Very prolific. 58 days.

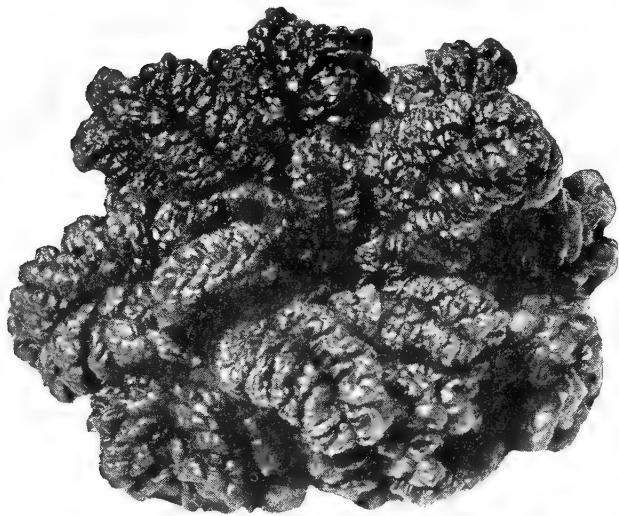
**Zucchini.** See Vegetable Marrow, page 22.

**Cocozelle.** See Vegetable Marrow, page 22.



Green-Tinted Bush Squash





Reselected Bloomsdale Savoy-leaved Spinach

Packets, ounces, and  $\frac{1}{4}$  pounds sent postpaid. For larger quantities consult chart on page 1.

## SALSIFY or OYSTER PLANT

Sow 1 ounce of seed to 70 feet of drill; about 8 pounds to an acre

**CULTURE.** Sow as early as ground can be worked in spring, in drills 1 inch deep, and thin out to 6 inches in the row. Cultivate the same as for carrots and parsnips. A part of the crop may be left in the ground until spring, when it will be found fresh and plump. The roots are cut into pieces  $\frac{1}{2}$  inch long, boiled until tender, and then served with drawn butter, in which way it is a delicious vegetable. They are also mashed and baked like parsnips and have a sweet and agreeable flavor like that of the oyster. 110 days. *Soil C.*

**Mammoth Sandwich Island.** An improved type and the largest and most profitable Salsify now in cultivation. The roots are white and smooth.

## TAMPALA

A recent introduction from China and India. Better than spinach or chard, and does well in hot weather. Easy to grow, in rows 2 feet apart. Plants should stand 2 feet apart. As greens, ready to eat in six weeks. **Fordhook. New. Red. New.**

## SPINACH

Sow 1 packet of seed to 50 feet of drill; 15 to 20 pounds to an acre

**CULTURE.** Sow in early spring, in drills a foot apart, every 2 weeks for a succession, and, as it grows, thin out for use. For fall use, sow in August, and for winter crop in September. Cover that which is left over winter with straw or leaves after the weather becomes quite cold. Sow seed of New Zealand in hills 2 feet apart each way, 3 or 4 seeds in a hill. 45 to 55 days. *Soil B.*

**Dark Green Bloomsdale.** A better and darker strain of the well-known Reselected Bloomsdale. Its darker color gives the leaves fresh appearance for a longer time after being cut than ordinary Bloomsdale.

### RESELECTED BLOOMSDALE SAVOY-LEAVED.

The popular fall Spinach so largely grown for market. Grows upright, the leaves being crumpled, dark green, and very thick.

**New Long-standing Bloomsdale.** It is almost as early and quick-growing as the old Bloomsdale, but it will stand in marketable condition 10 to 14 days longer before going to seed.

**Old Dominion.** A blight-resisting Long-standing Spinach for fall sowing.

**Virginia Blight-resisting Bloomsdale Savoy.** Although of lighter color and not as heavily crumpled as Reselected Savoy, this strain is absolutely blight-proof and will succeed where the older variety blights.

**New Zealand.** Thrives during the hottest weather in any soil, rich or poor. The tender tips may be cut every few days till frost. When the ground is thoroughly warm, soak seed for 24 hours and plant 4 seeds in hills 2 feet apart each way.

**Maryland Medium Broad-leaf.** The popular Tobacco for southern Maryland. One ounce sows 200 to 250 square yards and should produce enough plants for five acres

## TURNIP

Sow 1 packet of seed to 100 feet; 2 pounds to an acre

**CULTURE.** For early use, sow as soon as the ground opens in spring; thin out to 6 to 9 inches in the rows. For a succession, continue to sow in July and August. The Rutabagas are grown for feeding stock and are also excellent for the table. Take up the roots in November or before severe frosts; cut off the tops within an inch of the crown; store in a cool cellar or pit, or pile up in a conical form outdoors, in dry ground; cover carefully with long straw and finish by earthing up, covering them with about 12 to 15 inches of earth, leaving a trench around the heap to carry off the water. Put away in this manner they will be found in good condition in the spring. 50 to 75 days. *Soil C.*

**Purple-Top Yellow Aberdeen.** Medium size; round; pale yellow; tender and sugary. Hardy, productive, and keeps well. An esteemed variety for stock.

**Red or Purple-Top White Globe.** Globular shape; very handsome; of superior quality. Heavy producer; early; of rapid growth and an excellent keeper.

**White Egg.** Quick-growing; egg-shaped. **White Milan.** Very early. Pure white; sweet and tender. Short tops, flat.

**Extra-Early Purple-Top Flat Strap-leaved.** White fleshed.

**Yellow or Amber Globe.** Excellent for table use or stock. Green top.

**Cow Horn.** A long, white, carrot-shaped Turnip which grows half out of the ground. Mostly used for feeding stock, but makes a fine table sort.

**Seven-Top.** Grown exclusively for its tops and when properly prepared and cooked makes a fine dish. Withstands our winter without any protection.

**Shogoin.** Salad Turnip. Resists insects and can be grown in hot weather. Makes a Turnip 2 to 3 inches in diameter.

**RUTABAGA. Golden Neckless Purple-Top.** Improved strain without neck. Tops rather short, but good-sized root. Flesh deep yellow and fine-grained.

**RUTABAGA. Improved Purple-Top.**

## TOBACCO SEED

**Bonanza.** A broad-leaved bright Tobacco that is especially adapted to the sandy soils of Maryland and Virginia. Certified.

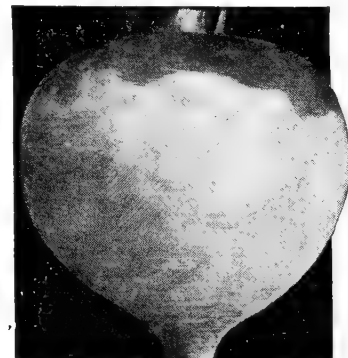
**Virginia Bright.** On sandy soil it makes a wide leaf of good length that cures easily.

## VEGETABLE MARROW

**Black Zucchini.** Bush type. Fruits weigh 5 to 6 pounds, cylindrical, slightly fluted, dark black-green; flesh greenish white and, of good flavor.

**Zucchini Caravazzi.** Similar to the above, but the color is light green. Great favorite with the Italians.

**Cocozelle di Napolie.** Grows about 20 inches long with a diameter of 3 to 4 inches. Skin smooth, dark green, marbled yellow or pale green. Fine flavor. Bush type.



Red or Purple-Top White Globe Turnip

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
<b>SALSIFY (Oyster Plant)</b>				
Mammoth Sandwich Island.....	\$0 10	\$0 40	\$1 35	\$4 50
<b>SPINACH. Special prices on larger quantities.</b>				
Reselected Bloomsdale Savoy-leaved.....	10	15	25	60
Dark Green Bloomsdale.....	10	15	25	60
Virginia Blight-resisting Bloomsdale Savoy.....	10	15	25	60
Old Dominion.....	10	15	25	60
New Long-standing Bloomsdale.....	10	15	25	60
New Zealand.....	10	20	40	1 25
<b>TAMPALA..... 2 pkts. for 25c; <math>\frac{1}{8}</math>oz. 60c; <math>\frac{1}{4}</math>oz. \$1.00.</b>	15	3 50		
Fordhook and Red.....	25			
<b>TOBACCO SEED</b>				
Bonanza and Virginia Bright.....	10	60	1 75	6 00
Maryland Medium Broad-leaf..... $\frac{1}{2}$ oz. 75c.....	15	1 25		
<b>TURNIP</b>				
Red or Purple-Top White Globe.....	10	15	35	1 00
Extra-Early Purple-Top Flat Strap-leaved.....	10	15	35	1 00
Golden Neckless Purple-Top Rutabaga.....	10	15	35	1 00
White Egg.....	10	15	35	1 00
White Milan.....	10	15	40	1 25
Yellow or Amber Globe.....	10	15	35	1 00
Cow Horn.....	10	15	35	1 00
Seven-Top.....	10	15	20	60
Shogoin (Salad Turnip).....	10	15	35	1 00
Improved Purple-Top Rutabaga.....	10	15	35	1 00
Purple-Top Yellow Aberdeen.....	10	15	35	1 00
<b>VEGETABLE MARROW</b>				
Black Zucchini.....	10	20	50	1 50
Cocozelle di Napolie.....	10	20	50	1 50
Zucchini Caravazzi.....	10	20	50	1 50

## TOMATOES SURE-CROPPING

Packets, ounces, and 1/4 pounds of Tomato Seed sent postpaid. For larger quantities, consult chart on page 1.

One ounce of seed will produce 1500 plants; 1/4 pound for transplanting an acre

**CULTURE.** The seed should be sown in a hotbed about the first week in March or latter part of February, in drills 5 inches apart and 1/2 inch deep. When the plants are about 2 inches high they should be set into small pots, allowing a single plant to a pot. About the first of May the plants may be set out in the open ground in hills 3 to 4 feet apart each way. From 60 to 100 days from setting plants to ripe fruit. *Soil C.*

### STOKESDALE TOMATOES

*Bred for purity, quality, productiveness. All Certified*

**VALIANT.** Extra early. Extra solid. Extra large. A Stokes introduction. Remarkable for its long bearing period.

**STOKESDALE.** Second early. Large. Productive. Its producing power will amaze you.

**MASTER MARGLOBE.** Strain 6. Large and productive. A grand stock.

**RUTGERS.** Globe-shaped, quite large, with flesh firm, red, and very solid. Ripening begins at the center, insuring good color throughout.

All four above, pkt. 15c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$2.50; lb. \$7.50

### Early Varieties

**Earliana.** Particularly desirable for shipping and for earliest market. The fruits are smooth, round, and of fine color.

**Pritchard or Scarlet Topper.** Very promising, heavily productive, wilt-resistant introduction of superior merit for home and market garden, shipping and canning. Fruits large, globe-shaped, scarlet and well colored about the stem end; flesh firm and of fine quality. 75 days.

### Second-Early Varieties

**Break o'Day.** One of its parents is Marglobe which it resembles in color, shape, size, and solidity, but it is 10 to 12 days earlier.

**Bonny Best.** A most profitable variety for early and main crop.

### Main-Crop Varieties

**Greater Baltimore.** An improved strain of Greater Baltimore. Fruits flat but thick, deep scarlet, medium large, solid and firm. Wilt-resistant. 83 days from setting plants to marketable fruit.

**Marglobe.** (Certified.) Vigorous plants bear a wonderful crop of uniformly globe-shaped, large deep scarlet fruits. The flesh is bright red, solid, meaty and juicy.

**New Stone.** So well known that it needs no description.

**Beefsteak.** Resembles Ponderosa in many ways, except that the fruits are a rich scarlet-red color.

**Oxheart.** The largest Tomato ever introduced; fruits weigh up to 1 1/2 pounds. Skin is purplish scarlet, smooth and evenly colored. The shape is most distinct. Extremely solid and has few seed cells.

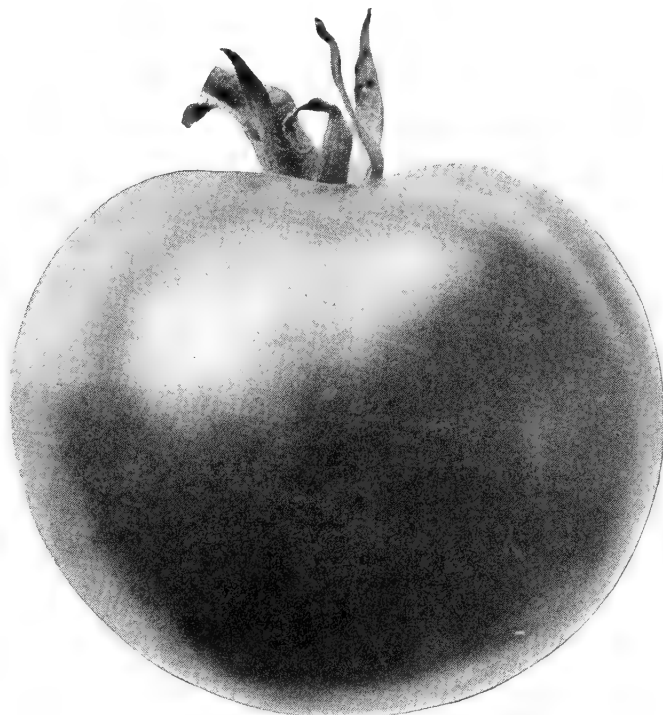
**Ponderosa.** Large, solid purple Tomato, fairly smooth. Quite free from acid.

**Golden Queen.** Yellow; large and solid.

**Jubilee.** A superb new orange Tomato with perfectly smooth, round fruit weighing about 6 ounces each. The interior is of equally bright orange-yellow color. Juicy, with few seeds and of a delightful sub-acid flavor. 72 days. (Seed scarce.)

**Michigan State Forcing.**

TOMATOES, EXTRA EARLY VARIETIES	Pkt.	1/2 oz.	Oz.	1/4 lb.	Lb.
Earliana. Extra early.....	\$0 10	\$0 40	\$0 75	\$2 50	\$7 50
Pritchard (Scarlet Topper). Early.....	10	30	50	1 50	5 00
TOMATOES, SECOND-EARLY VARIETIES					
Break o'Day.....	10	30	50	1 75	6 00
Bonny Best.....	10	30	50	1 50	5 00
TOMATOES, MAIN-CROP					
Marglobe (Certified).....	10	30	50	1 75	6 00
Certified Rutgers.....	10	30	50	1 75	6 00
New Stone.....	10	25	40	1 25	4 00
Greater Baltimore.....	10	25	40	1 25	4 00
Ponderosa.....	10	60	1 00	3 00	10 00
Beefsteak.....	15	60	1 00	3 00	10 00
Oxheart.....	25	85	1 50		
Golden Queen.....	10	85	1 50		
Jubilee.....	25				
White Beauty.....	25				
Michigan State Forcing.....	25				
TOMATOES, PRESERVING VARIETIES					
Yellow Pear-shaped.....	10	35	60	2 50	
Yellow Plum-shaped.....	10	35	60	2 50	
Red Pear.....	10	30	50		
Peach.....	10	30	50		
Husk (Strawberry).....	10	35	60		
Red Cherry.....	10	35	60		



Certified Rutgers Tomato

**CERTIFIED RUTGERS.** This unusual Tomato is from the New Jersey Agricultural Experiment Station. It is globe-shaped, quite large, with flesh firm, red, and very solid. Ripening begins at the center, insuring good color throughout. Fills all requirements. An excellent main-crop variety.

**White Beauty.** Contains less acid than any other variety. Its firm white flesh has no trace of red; the flavor is all that can be desired. (Seed scarce.)

**TOMATO PLANTS.** See page 24.

### Preserving Varieties

**Husk or Strawberry.**

**Peach.** Very small, pink fruit with slight peach bloom on skin.

**Red Cherry.** Small; grows in clusters.

**Red Pear.** Pear-shaped red.

**Yellow Pear-shaped.**

**Yellow Plum-shaped.**

### Glick's Famous Tomato Seed



Glick's Seeds are grown on Glick's Farms, where disease is unknown, and entirely isolated from any commercial Tomato-growing section. It is supervised on a strictly quality basis for planters of the better class.

**GLICK'S IMPROVED MARGLOBE.** Pennsylvania Certified. Pkt. 15c; 1/2 oz. 55c; oz. \$1.00; 1/4 lb. \$3.50; lb. \$11.00. Seed very scarce.

**GLICK'S IMPROVED RUTGERS.** Pennsylvania Certified.

**GLICK'S EARLY CANNER.** A week ahead of Rutgers. Fruit deep red and solid. Excellent bearer.

Above two, pkt. 15c; 1/2 oz. 45c; oz. 85c; 1/4 lb. \$3.00; lb. \$9.50

## VEGETABLE PLANTS AND ROOTS

NO PLANTS SENT C. O. D. We cannot send plants out of the State of Maryland

On all plants wanted by mail, add 5c per doz.; 15c per 100; 40c per 1000, except as noted below.

All of our plants are produced from our **Sure-Growing Seeds**, and will give wonderful results. If wanted in larger quantities, write for special quotations. The time when plants are ready is greatly controlled by the season; the specified time is the earliest date under favorable conditions.

### Artichokes (Ready in April)

**Jerusalem.** Propagated by and for its tubers. Used for the table and stock-feeding. Qt. 35c, postpaid 45c; pk. \$1.50, postpaid \$1.75.

### Asparagus Roots (Ready March and April)

**Mary Washington.** Dark green stalks. 2-yr. roots, 50c per doz.; \$2.75 per 100; \$20.00 per 1000. If wanted by mail, add 10c per doz.; 20c per 100; 50c per 1000.

### Borecole Plants (Ready May to July)

20c per doz.; \$1.50 per 100; \$10.00 per 1000

### Broccoli Calabrese Plants (Ready May to July)

25c per doz.; \$1.50 per 100; \$10.00 per 1000

### Brussels Sprouts (Ready May to July)

**Matchless Improved.** 25c per doz.; \$1.50 per 100; \$10.00 per 1000.

### Cabbage Plants (Ready April to July)

**Early Flat Dutch and Jersey Wakefield.** From hotbeds, 20c per doz.; 75c per 100; \$5.00 per 1000.

**Late Flat Dutch and Savoy.** (Ready May 15.) 20c per doz.; 75c per 100; \$5.00 per 1000.

### "Frost-Proof" Cabbage Plants (Ready February to May)

<b>Charleston or Large Wakefield</b>	<b>Early Flat Dutch</b>
<b>Marion Market</b>	<b>Copenhagen Market</b>
<b>Wisconsin, all season</b>	<b>Golden Acre</b>

Postpaid: 75c per 100; \$1.00 per 200; \$2.00 per 500; \$3.00 per 1000.

Express collect: 1000 to 4000 @ \$2.00 per 1000; 5000 to 9000 @ \$1.75 per 1000; 10,000 or over @ \$1.50 per 1000.

### "Frost-Proof" Onion Plants (Ready February to May)

Be sure to order some when ordering "Frost-proof" Cabbage Plants, as they should be planted at the same time.

<b>Yellow Bermuda</b>	<b>Sweet Spanish</b>	<b>Crystal Wax</b>
Postpaid: 75c per 200; \$1.50 per 500; \$2.50 per 1000.		
Express collect: Same prices as cabbage.		

## TRAIN-ETTS

### New Weatherized TRELLIS NETTING

**Ideal Support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES**  
Grows finer, larger flowers and vegetables. Hung with ease in five minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.)  
**Doesn't rot like string—lasts several seasons.** No. 2, 60 x 96 in. 85c; No. 3, 60 x 180 in. \$1.25, postpaid.

## THE MODERN FAMILY GARDEN BOOK

Special Edition by Roy E. Biles

128 pages of most useful information. Profusely illustrated. 50c, postpaid 55c.

### Cauliflower Plants (Ready April and July)

**Snowball Variety Only.** From hotbeds. 25c per doz.; \$1.50 per 100.

### Celery Plants (Ready in July)

<b>Golden Heart</b>	<b>Giant Pascal</b>	<b>Winter Queen</b>
<b>White Plume</b>		<b>Golden Self-blanching</b>
25c per doz.; \$1.50 per 100; \$10.00 per 1000		

### Eggplants (Potted) (Ready in May)

10c each; \$1.00 per doz.; \$8.00 per 100. Best sent by Express. If wanted by mail, add 2c to each plant

### Horseradish Roots (Ready in March)

Large, strong cuttings, 40c per doz.; \$2.50 per 100

### Pepper Plants (Ready in May)

**Large Sweet.** Hotbed grown, 25c per doz.; \$1.50 per 100. Potted plants, 10c each; \$1.00 per doz.; \$8.00 per 100. If wanted by mail, add 1c to each plant.

### Rhubarb Roots (Ready March and April)

Strong roots. 15c each; \$1.50 per doz. If wanted by mail, add 5c to each; 20c per doz.

### Sweet Potato Plants (Ready in May)

**Yellow Big-Stem and Up Rivers.** 20c per doz.; 90c per 100; \$5.00 per 1000.

### Tomato Plants (Ready latter part of April to June)

**POT-GROWN PLANTS. In the following varieties only—**  
**Marglobe** **Stokesdale**  
**Valiant** **Rutgers**

10c each; \$1.00 per doz.; \$8.00 per 100. If wanted by mail, add 1c per plant

### HOTBED PLANTS—

<b>Ponderosa</b>	<b>Marglobe</b>	<b>Stokesdale</b>	<b>Rutgers</b>	<b>Beefsteak</b>
20c per doz.; \$1.00 per 100; \$6.00 per 1000.				

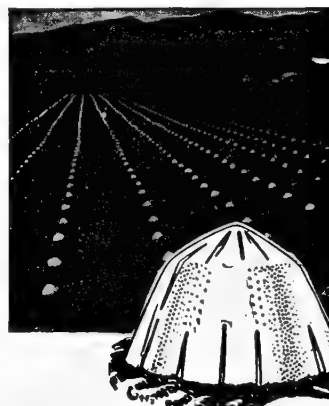
### SOUTHERN PLANTS—

<b>Marglobe</b>	<b>Rutgers</b>	<b>Pritchard</b>
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Postpaid: 75c for 50; \$1.00 per 100; \$3.00 per 500; \$4.50 per 1000.  
Express collect: 1000 to 4000 @ \$3.50 per 1000; 5000 to 9000 @ \$3.25 per 1000; 10,000 or over @ \$3.00 per 1000; 100,000 or more, prices on application.

**For Tomato Cocktail, Red Cherry.** Bears in clusters. Served in ice, whole, with toothpick inserted. Very delicious. 25c per doz.

## Germaco Hotkaps



These can make you extra dollars this season. They protect plants from frost, wind, rain, insects, and ground-crusting. Thus, they produce harder, quicker crops. You get higher prices.

1000-lots \$13.50, postpaid \$13.85; 5000-lots at \$13.35 per 1000; 10,000-lots at \$13.20 per 1000.

250 Trial package, including Setter \$4.65, postpaid \$4.85.

If you need Hotkaps for your backyard garden, note these prices. 100 with Garden Setter \$2.75, postpaid \$2.90. Home Garden Package, 25 Hotkaps and Setter, 70c, postpaid \$2.10. Fibreboard Setters 20c, postpaid 30c.



# Reliable Grass, Forage and Clover Seeds

Are State  
Sales Tax Exempt

If Grasses are wanted by Parcel Post, allow for postage. Prices on Grasses subject to market changes.  
Write for samples and prices of larger quantities of all seed listed on this page

**Permanent Pasture Mixture.** Either for low or upland. It is made up of grasses best calculated to afford an abundant and nutritious food supply for stock. The formulas are based upon successful experience. For all ordinary permanent pasturage, they will be found entirely satisfactory. When ordering state if for low or upland. Lb. 30c.

Lawn Grass Mixtures listed on second cover page.

**Creeping Bent Grass.** Especially adapted for putting-greens and wherever a velvet-like lawn is wanted. Lb. \$1.25.

**Italian Rye Grass.** The ideal grass to sow in the fall on crab-grass-infested lawns; it will quickly make them green. Lb. 25c.

**Blue Grass, Fancy Kentucky** (*Poa pratensis*). Our stock of this is extra fine, thoroughly re-cleaned. Sow 3 to 5 bushels per acre on lawn; 2½ to 3 bushels on pasture fields. 14 lbs. to bus. Lb. 60c.

**Timothy** (*Pbleum pratense*). Sow ½ bushel per acre alone; with clover, 1 peck. 45 lbs. to bus. Lb. 15c.

**Perennial Rye Grass** (*Lolium perenne*). This makes the quickest returns in growth of any grass, is deep rooted, and is readily established. Sow 2½ bushels per acre. 20 lbs. to bus. Lb. 35c.

**Red Fescue, Creeping.** A splendid grass for golf links, tennis courts, etc.; will resist droughts. 8 lb. to 1000 sq. feet. \$1.00.

**Red-Top Fancy Re-cleaned** (*Agrostis vulgaris*). This is one of the best grasses for sowing for immediate effect. Our stock is free from chaff and is absolutely pure. Sow 40 pounds per acre. 32 lbs. to bus. Lb. 40c.

**Chewing's Fescue.** Shade Grass. For shady situations in parks and densely shaded lawns, this grass has no superior. It produces a firm and attractive turf where few other grasses can exist. Recommended for sandy soil. 8 lbs. to 1000 square feet. Lb. 75c

**Meadow Fescue** (*Festuca pratensis*). Sow 40 to 50 pounds per acre. 22 lbs. to bus. Lb. 45c.

**Orchard Grass** (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 40 pounds per acre. 14 lbs. to bus. Lb. 35c.

**Broom Corn** (*Sorghum vulgare*). Succeeds in a good, deep soil, fresh but not damp; very sensitive to cold. Long brush evergreen, which is made into brooms. 50 lbs. to bus. Lb. 30c.

**Cowpeas** (*Vigna Catjung*). Valuable in this latitude as a fodder plant. Their chief value, however, is as a green crop to plow under. The seed should not be sown till the ground has become warm. Sow 2 bushels per acre broadcast, 1 bushel in drills. Mixed. Lb. 10c. Bushel price on request.

**Soja Bean** (*Glycine hispida*). Mammoth Yellow and Wilson Black thrive well in our climate. Valuable for the South. Do not make good hay, but good for ensilage or green fodder. Sow 1½ bushels per acre alone or ½ bushel Soja Beans with 1 bushel Cowpeas. Yields as high as 20 tons of green feed per acre. Lb. 10c.

**Sudan Grass.** A tall annual grass, growing 6 to 8 feet high when drilled, but when sown broadcast thickly does not grow quite so tall. Every farmer and stock-raiser should learn about this wonderful grass, as it is eaten by all kinds of stock and will produce more hay to the acre than any other grass that has ever been introduced. Allows three to four cuttings, and produces 2 to 5 tons per acre, depending on the soil. Can either be drilled at the rate of 2 to 3 pounds per acre in 3-foot rows or broadcast at the rate of 10 to 20 pounds per acre. Plant from March to August. Lb. 20c.

**Sweet Sudan Grass.** An improvement on the above, because of its sweetness. Increases milk and meat production. Do not pasture until 24 in. high as the sugar does not start setting below that height. Lb. 25c.

**Edible Soy Bean.** For description and price, see page 7.

**Peas, Canadian Field.** 60 lbs. to bus. Lb. 15c.

**Golden Millet** (*Panicum miliaceum* var.). An improved variety, medium early, growing 3 to 5 feet high. Heads are closely condensed, though the spikes are very numerous. Sow 40 to 50 pounds broadcast to the acre. 50 lbs. to bus. Lb. 15c.

**Buckwheat.** In the locality of Baltimore this is sown anywhere from June 1 to July 15; 1 bushel (48 lbs.) broadcast to the acre. Qt. 25c; pk. \$1.00.

## Sorghum • Sugar-Cane

Ideal cattle food. Sow 1 to 2 bushels, broadcast, 25 pounds to the acre in drills. 50 lbs. to bus.

**Early Amber.** Grows 10 to 13 feet high. Fine for cows; either green or cured. Lb. 15c.

**Early Orange.** Ripens about 10 days after Early Amber, and is said to produce a larger crop. Lb. 15c.

**Sunflower, Large California.** Lb. 25c.

## Vetch, Spring or Winter

**Sand, Winter, or Hairy Vetch** (*Vicia villosa*). Thrives on poor, arid, sandy soils. It may be sown either in fall or in spring, mixed with rye, for a support. Grows 3 to 4 feet high, and can be cut as soon as the bloom appears and again for the seed. Perfectly hardy. Sow 20 to 40 pounds to the acre. Price variable. Lb. 35c.

**Spring Vetch.** Not hardy; sow in spring only. Lb. 20c.

## Rape

**Dwarf Essex, English** (*Brassica Napus*). Is excellent for sheep and hog pasture and chicken-yards, also for soiling. It may be sown in May and will be ready for pasturing in July and August. In drills, sow 5 pounds to the acre; sown broadcast, 10 pounds to the acre. Lb. 30c.

# Clover Seeds

**Kansas Alfalfa** (*Medicago sativa*). Requires deep, rich, well-drained soil. Roots very deeply, the tap-root descending often to a depth of 10 to 15 feet in loose soil. It is, consequently, capable of resisting great droughts. Should be sown alone (about the same time as oats are sown in this section) in thoroughly prepared, deeply plowed soil, at the rate of 20 to 25 pounds to the acre. It is also successfully sown as late as August and up to the middle of September. The crop should be cut when the plant is coming into bloom. In suitable soil it is perennial and several crops may be cut every year. Height 1 to 3 feet. Lb. 50c.

**Alsike or Hybrid Clover** (*Trifolium hybridum*). A perennial, 1 to 3 feet high. Grows well in our locality and can withstand severe cold. A good honey-plant for bees. Sow 15 pounds to the acre. Lb. 65c.

**Lespedeza.** The original Lespedeza. Sow 20 pounds to the acre on your poor land to bring it into condition to produce profitable crops. Once started it smotheres broom-sedge and other undesirable growths. Ten pounds Lespedeza and 8 pounds Herd's Grass will give a hay crop that may be grazed till frost. **Korean**, lb. 20c. **Kobe**, lb. 25c.

**Ladino.** This type of Clover is used in pasture mixtures with success and is harder than Alfalfa. Can be used as a green feed for poultry. Sow 8 pounds per acre. Lb. \$2.75.

**Lespedeza sericea.** The perennial Lespedeza, the South's foremost legume, boasting of heavy yields on poor, acid soils. Large returns in seed and forage. Great improvement to soils. Resistant to droughts. Lb. 35c.

**Red Clover** (*Trifolium pratense*). One of the most valuable farm crops for pasture, hay, or for turning under for green manure. It requires a deep, rich soil and yields two hay crops in the season. Sow at the rate of 15 pounds to the acre. Lb. 75c.

**Mammoth Red or Sapling Clover.** Grows larger and lasts longer than the common Red Clover. Valuable for plowing under. Sow 10 pounds to the acre. Lb. 75c.

**Crimson or German Clover** (*Trifolium incarnatum*). Erect annual, 1 to 2 feet high, with bright scarlet flowers. It is largely grown for improving the soil by turning under. A valuable crop for pasturage or green manure. For hay it should be cut when in full bloom. Sow 20 pounds to the acre. Lb. 40c.

**White or Dutch Clover.** For lawns and pastures. Lb. \$1.00.

**White Sweet Clover** (*Melilotus alba*; Bokhara). Valuable sort for soiling and for ensilage and bees. Grows from 3 to 5 feet high. Sown in rich soil, may be cut three times. Lasts for years if cut before flowering. Hulled Seed. Lb. 30c.

Inoculate all Clovers, Cowpeas, Vetches and Soja Beans with NITRAGIN. For particulars see page 9

# RELIABLE FLOWER SEEDS

**SOW THE SEEDS** either broadcast or in rows, and cover lightly—a good general rule is to cover several times the size of the seeds and press the soil firmly. *Small seeds cannot come up if covered too deep.* Very fine seeds should be sown on the surface and *pressed into the soil.* Cover the seed-bed with a newspaper so the seed will not be washed out by rain or when watering. To have the earliest blooms, flowers that stand transplanting should be sown early in boxes indoors. Water with a fine spray; do not let the soil dry out; do not keep the plants saturated, as they may damp off. When three or four leaves have formed, transplant 1 inch apart in boxes, or in the open ground if warm enough.

**THE SOIL** best suited to flowers is a light, rich loam, made as fine and smooth as possible. If heavy, mix with sand to lighten, and make it friable. Many seeds are very small and require a fine seed-bed.

**HALF-HARDY and TENDER FLOWERS** should not be sown or transplanted outside until the weather is settled and warm.

**HARD-SHELLED SEEDS** like Cannas, Moon-vines, Morning-Glories should have a hole filed through the outer shell, or be soaked in warm water 24 hours before planting.

## PLANTING CALENDAR

### MARCH

#### Sow Outdoors Sweet Peas

Sow Indoors	Set Out
Ageratum.....	May 1
Antirrhinum (Snap- dragon).....	May 15
Asters.....	May 10
Carnation, Margue- rite.....	May 1
Celosia (Cockscomb).....	May 1
Cobaea scandens.....	May 1
Heliotrope.....	May 10
Hollyhock.....	May 10
Lobelia.....	May 1
Pansy.....	May 1
Petunia.....	May 1
Salvia.....	May 1
Stocks (Gilliflower).....	May 15
Verbena.....	May 1
Wallflower.....	May 1

### APRIL

#### Sow Outdoors Nasturtiums

All those listed for March may also be planted in April and, in addition, the following:

Sow Indoors	Set Out
Alyssum.....	May 1
Calendula.....	May 1
Coleus.....	May 15
Cosmos, Late.....	May 1
Dahlias.....	May 1
Delphinium.....	May 15
Gourds, Ornamental.....	May 1
Helianthus (Sunflow- er).....	May 1
Marigold.....	May 1
Mignonette.....	May 1
Nicotiana.....	May 1
Phlox Drummondii.....	May 1
Poppy, Iceland.....	May 15
Ricinus (Castor-Oil Plant).....	May 10
Salpiglossis.....	May 10
Scabiosa.....	May 1
Vinca.....	May 10
Zinnia.....	May 1

### MAY

This is the month of out-door sowing and planting. The following list of flowers comprises those which may be sown in the open, and which will mature into perfection before frosty weather sets in.

#### Sow Outdoors

(Do not require transplanting)
Sweet Alyssum
Calendula
Calliopsis
Candytuft
Centaurea (Bachelor's Button)
Chrysanthemum, Annual
Clarkia elegans
Cosmos, Early
Delphinium
Dianthus (China Pinks)
Eschscholtzia (California Poppy)
Gaillardia (Blanketflower)
Godetia
Ornamental Gourds
Helianthus cucumerifolius (Miniature Sunflower)
Hunnemannia (Tulip-Poppy)
Larkspur, Annual
Lupins, Annual
Marigold
Mignonette
Morning-Glory
Nasturtiums
Petunia
Phlox Drummondii
Poppy
Portulaca
Salpiglossis
Scabiosa
Verbena
Zinnia and all other annuals. (Should be transplanted)
Asters
Balsam
Celosia
(Cockscomb)
Nicotiana
Cosmos, Late
Ricinus
Dahlias
Marigold
Mignonette
Nicotiana
Ricinus

### JUNE

This is the month to sow perennials. The varieties listed below can easily be grown from seed. All of them may be sown from June till middle of September.

#### To Remain Where Sown

Alyssum saxatile compactum
Aconitum (Monkshood)
Aquilegia (Columbine)
Asters, Hardy
Coreopsis
Campanula (Bluebells)
Candytuft, Sempervirens
Hibiscus
Lupines
Poppies, Iceland
Poppies, Oriental
Sweet William
Valerian (Garden Heliotrope)

#### To Be Transplanted

Canterbury Bells
Delphinium
Digitalis (Foxglove)
Gaillardia grandiflora
Hollyhocks
Pyrethrum

### JULY

This is the most important month for sowing some flower seeds. The following biennials, if sown in July and transplanted in August or September, will flower the following spring.

#### Variety

Bellis perennis (English Daisies)
Pansies
Myosotis (Forget-me-not)
And All Perennials

## FLOWERS FOR SPECIAL PURPOSES

### FOR BORDERS AND BEDDING. 6 to 12 inches high

Alyssum	Dianthus	Dwarf Phlox
Brachycome	Forget-me-not	Iceland Poppy
Candytuft	Lobelia	Pyrethrum
Centaurea	Mignonette	Portulaca
Dusty Miller	Pansy	Verbena
Daisy	Bedding Petunia	

### FOR BORDERS AND BEDDING. 1 to 2 feet high

Ageratum	Chrysanthemum	Dwarf Nasturtium
Amaranthus	Coleus	Petunia
Antirrhinum (Snap- dragon)	Centaurea	Phlox
Aquilegia (Colum- bine)	Cockscomb	Poppy
Aster	Shasta Daisy	Salpiglossis
Balsam	Dianthus (Pinks)	Salvia
Begonia	Eschscholtzia	Scabiosa
Calendula	Gaillardia	Stokesia
Calliopsis	Godetia	Stocks
Candytuft	Heliotrope	Sweet William
Carnation	Annual Larkspur	Vinca
Clarkia	Marigold	Wallflower
	Marvel of Peru	Zinnia
	Mignonette	

### PLANT IN BOXES AND TRANSPLANT

Ageratum	Cosmos	Ricinus
Aster	Godetia	Salpiglossis
Calendula	Lobelia	Salvia
Canterbury Bells	Marigold	Sensitive Plant
Calliopsis	Marvel of Peru	Stocks
Chrysanthemum	Petunia	Sweet William
Cockscomb	Pyrethrum	Verbena

These may also be planted where they are to grow.

### FOR EDGING AND LOW BORDERS

Alyssum	Centaurea	Lobelia
Brachycome	Daisy	Portulaca
Candytuft	Forget-me-not	Stocks
Dusty Miller	Iceland	

### FOR CUT-FLOWERS

Antirrhinum (Snap- dragon)	Chrysanthemum	Rudbeckia
Alyssum	Cosmos	Salpiglossis
Aquilegia (Colum- bine)	Dahlia	Scabiosa
Aster	Shasta Daisy	Stokesia
Calendula	Dianthus (Pinks)	Stocks
Calliopsis	Eschscholtzia	Miniature Sun- flower
Candytuft	Gaillardia	Sweet Sultan
Carnation	Gypsophila	Sweet William
Flowering Centau- reas	Heliotrope	Sweet Peas
	Marigold	Zinnia
	Mignonette	
	Nasturtium	

### FOR TALL BEDS, GROUPS AND BACKGROUNDS

Amaranthus	Hollyhock	Salvia
Calliopsis	Kochia (Burning- bush)	Salpiglossis
Canna	Perennial Larkspur	Scabiosa
Canterbury Bells	African Marigold	Stokesia
Tall and Plumed Cockscomb	Nicotiana	Sunflower
Cosmos	Oriental Poppy	Woolflower
Dahlia	Evening Primrose	Zinnia
Digitalis	Ricinus	

### FOR POTS, PORCH-BOXES, AND BASKETS

Ageratum	Lobelia	Petunia
Alyssum	French Marigold	Smilax
Begonia	Tall and Dwarf	Stocks
Centaurea	Nasturtium	Thunbergia
Dusty Miller	Nepeta	Vinca
Iceland	Ecnothera	Verbena

### FOR MOUNDS AND ROCKERIES

Alyssum	Heuchera	Saponaria
Candytuft	Iceplant	Smilax
Coleus	Lobelia	Thunbergia
Dianthus	Mimulus	Verbena
Gypsophila	Pansy	Viola
Helianthemum	Phlox	
Heliotrope	Portulaca	

### FOR LIGHT SHADE

Aconitum	Digitalis	Myosotis
Ajuga reptans	Dolichos	Nicotiana
Antirrhinum	Godetia	Pansies
Arabis	Hibiscus	Primula
Candytuft	Heuchera	Platycodon
Chinese Lantern Plant	Humulus	Salpiglossis
Clarkia	Lantana	Scabiosa
Cobaea scandens	Lupins	Schizanthus
English Daisy	Lobelia	Violet
	Marvel of Peru	

**1001 GARDEN QUESTIONS ANSWERED . . . . . By Alfred C. Hottes**  
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Perennial Border

# ANNUAL FLOWER SEEDS

**AGERATUM.** *Floss Flower.* An excellent plant for edging or solid effects. A continuous bloomer.

301A See page 3.

301B See page 3.

301C. See page 3.

1 **Imperial Dwarf Blue.** 6 in. Pkt. 10c; oz. \$2.50.

1A **Little Dorritt.** White. Pkt. 10c.

301 **Midget Blue.** See page 3.

2 **Tall Mixed.** Flowers in dense clusters. 2 ft. Pkt. 10c; 1/4 oz. 25c.

3 **ALYSSUM, Carpet of Snow.** One of the most popular garden flowers, in bloom all season. Used for edging or in rockeries or vases. 3 in. Pkt. 10c; oz. 75c.

4 **Lilac Queen.** A very pretty deep lavender-lilac, of dwarf compact habit. 6 in. Pkt. 10c.

## ANTIRRHINUM • Snapdragon

303 **Super-Majestic Rustproof.** See page 3.

302 **Tetra.** See page 3.

5 **Semi-dwarf Rustproof.** 20 in. high

Large flowers. Excellent for bedding. To have flowers early, sow indoors during February and March.

**Garnet.** Velvety crimson.

**Amber and Gold.**

**Carmine-Rose.**

**DuBarry.** Flaming salmon-rose.

**Indian Girl.** Old gold.

**Wild Fire.** Bright orange.

**All Colors Mixed.**

Each, pkt. 10c; large pkt. 25c; 1/4 oz. \$1.00

6 **Tall Rustproof.** 34 in. high

This splendid new type has proved to be 75 per cent resistant to Antirrhinum rust.

**Campfire.** Scarlet.

**Copper King.** Copper-red.

**Daffodil.** Yellow.

**Apple Blossom.** Rose-pink; white tube.

**Loveliness.** Pink.

**Alaska.** White.

7 **All Colors Mixed.**

Each, pkt. 10c; large pkt. 25c; 1/4 oz. \$1.00

8 **Best Forcing Varieties**

**Afterglow.** Bronze.

**Ceylon Court.** Yellow.

**Cheviot Maid Supreme.** Early. Pink.

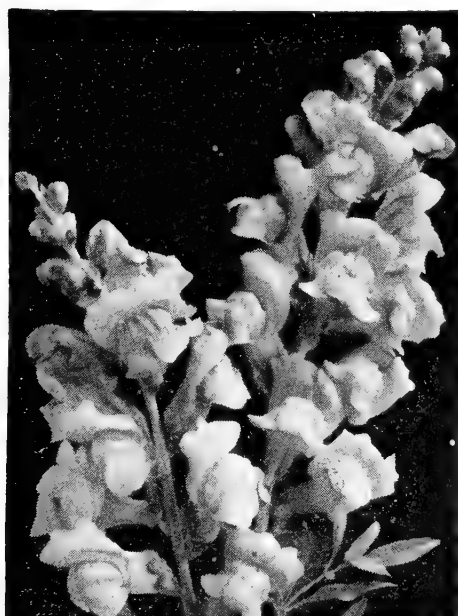
**Christmas Cheer.** Rose.

**Lucky Strike.** White.

**Terry Surprise.** Improved, orange.

**All Colors Mixed.**

Each, pkts. 50c and \$1.00



6 Snapdragon, Loveliness. Pkt. 10c

**AMARANTHUS.** Brilliant-foliaged annuals growing from 3 to 5 feet high. They thrive best in a hot, sunny location, not too rich soil, and must be given sufficient room to develop their full beauty.

9 **Molten Fire.** Brilliant poinsettia-like tips. Called "Summer Poinsettia." The most brilliant of this family. Foliage bronzy crimson, each branch terminating with a tuft of bright scarlet-carmine leaves. Grows from 4 to 5 feet. Pkt. 10c.

10 **Tricolor splendens.** *Josephs-Coat.* An improvement on the old sort; of more brilliant coloring. Mixed. Pkt. 10c.

11 **ARCTOTIS grandis.** *African Daisy.* Bushy annual plants, producing the entire season, on long stems, large, blue-eyed, daisy-like flowers, pure white on the upper surface, reverse lilac-blue. 2 ft. Pkt. 10c.

12 **Hybrida.** New African Daisy with beautiful flowers. Plants are about 1 foot tall with soft gray-green, wavy-edged leaves. The flowers are in pink, scarlet, and yellow shades and white, each with a dark disc in the center. Truly wonderful cut-flowers. Pkt. 25c.

13 **ASPARAGUS plumosus nanus.** For house or conservatory decoration. Much used by florists. Pkt. 25c; 100 seeds \$1.00.

14 **Sprengeri.** Pkt. 25c; 100 seeds \$1.00.

## Superb Asters

### Wilt-Resistant

15 **Branching Aster.** Late. Finest Mixed. Pkt. 10c; oz. \$2.50.

304 **Giants of California.** See page 3.

16 **American Beauty.** *Wilt-resistant.* The queen of all Asters. Far superior to Peony and branching varieties. In five colors Lavender, Crimson, Dark Blue, Pink, and White, and All Colors Mixed. Each, pkt. 10c; oz. \$2.75.

17 **Sunshine Aster.** This pretty Anemone-flowered variety is of great value either in beds, borders, or for cutting. Plants grow about 1 1/2 feet high. The dainty flowers are held erect on good stems. The mixture offered contains a splendid range of delicate colors. Pkt. 10c.

18 **Queen of the Market.** *Wilt-resistant.* Very early. White, Pink, Lavender, Scarlet, Dark Blue, and Choice Mixed. Each, pkt. 10c; oz. \$2.50.

19 **BALLOON-VINE.** *Love-in-a-Puff.* A rapid-growing annual climber. Seed-pods like miniature balloons. Pkt. 10c.

20 **BALSAM.** *Lady's-Slipper.* An old-fashioned flower. With plenty of room they will develop to immense plants with gorgeous flowers. Mixed Colors. Each, pkt. 10c.

21 **BALSAM-APPLE (Momordica).** Handsome climbing annual bearing ornamental, orange-colored fruit. Pkt. 10c.

22 **BEGONIA semperflorens.** Invaluable for bedding and pot-culture. About 1 foot high. Beautiful foliage. Pink, White and Crimson, Mixed. Pkt. 25c.

23 **Gracilis, Carmen.** Bronze foliage. Bright rose flowers. Pkt. \$1.00.

24 **Christmas Cheer.** Crimson-scarlet. Pkt. \$1.00.

25 **Gracilis luminosa.** Scarlet. Pkt. \$1.00. For pot-culture, the above produce compact plants that find ready sale.

ORDER BY NUMBER AND NAME  
All Flower Seeds sent postpaid.



304 Aster, Giants of California, Mixed. Pkt. 15c

26 **BLACK-EYED SUSAN (Rudbeckia hirta).** Large; orange, black center. 18 in. Pkt. 10c.

27 **BRACHYCOME.** *Swan River Daisy.* A desirable hardy annual, blooming profusely the greater part of the summer. Small blue flowers resembling those of the cineraria. 9 in. Pkt. 10c.

28 **CACTUS.** All kinds and forms. Mixed. Pkt. 25c.

305 **CACALIA.** See page 3.

**CALENDULA.** *Pot-Marigold.* Free-flowering, showy annuals of easy culture, producing a fine effect in beds or mixed borders; valuable also for pot-culture for winter and spring blooming. 1 ft.

29 **Ball's Long Orange.** An extra long-stemmed deep golden yellow used for forcing. Pkt. 25c; 1/4 oz. 60c; oz. \$2.00.

30 **Orange Shaggy.** Beautifully fringed or lacinated flowers of deep orange shaded lighter at center. A very effective two-toned coloring and a beautiful long-stemmed cut-flower. Pkt. 10c.

31 **Lemon Queen.** Lemon-yellow. Pkt. 10c; oz. 75c.

32 **Orange King.** Rich dark orange. Pkt. 10c; oz. 75c.

306 **Yellow Colossal.** See page 3.

33 **Mixed.** Pkt. 10c; oz. 40c.

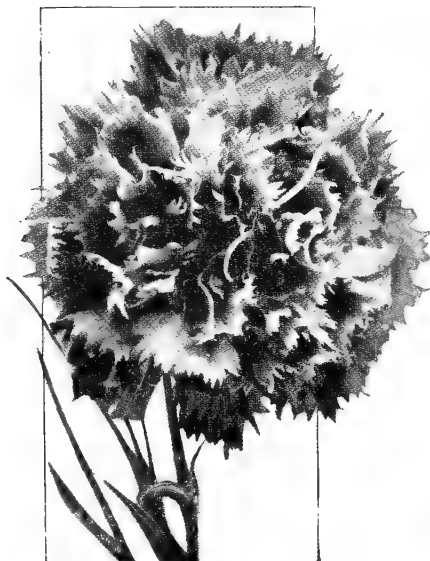
**CALIFORNIA POPPY.** See *Eschscholtzia*.

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By Alfred C. Hottes

Describes over 100 kinds of annuals.  
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37 Carnation, Marguerite. Pkt. 10c

- 34 CALLIOPSIS.** A very showy annual in bloom from early summer until frost. Single or double. All colors mixed. Pkt. 10c; oz. 50c.
- 35 CAMPANULA, New Annual Single.** *Canterbury Bells.* A new variety which blooms from seed in less than six months. Plants grow from 2 to 2½ feet high and each produces from 6 to 8 spikes of bloom. Originator's stock seed in a selected mixture only. Pkt. 10c.
- 36 CANDYTUFT.** Dwarf, profuse bloomer of easy culture. Useful for bedding and borders. Red, Lavender, Pink, Crimson, White and Choice Mixed. Each, pkt. 10c; oz. 75c.
- 37 CARNATION.** *Marguerite.* These are the most satisfactory of the annual Pinks, and will bloom in four months after sowing the seed. The flowers are large, fragrant and are produced continuously. If slightly protected the first winter, they will revive the following spring and bloom. Pkt. 10c; ¼oz. 75c.
- 37A CARNATION, *Enfant de Nice.*** Also for forcing. Finest mixed. Pkt. 25c.
- 37B CANARY-BIRD-VINE.** One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers, which resemble a canary bird with expanded wings. Pkt. 10c.
- 38 CARDINAL CLIMBER** (*Ipomœa Quamoclit hybrida*). In a warm, sunny location with good soil, it often reaches a height of 20 feet. The vines are clothed with palmlike, rich green leaves, bespangled with clusters of fiery scarlet, tubular spear-shaped flowers, measuring about 1¼ inches across. Pkt. 10c.
- 39 CORNFLOWER** (*Centaurea cyanus*). Also known as Blue Bottle, Ragged Robin, Bachelors Button. An old favorite garden annual. Double Blue, Pink, White and Red. Each, pkt. 10c; oz. 60c.
- 40 All Colors Mixed.** Pkt. 10c; oz. 50c.
- 41 Jubilee Gem.** A dwarf Cornflower with 1-foot, compact plant literally covered with dark but vivid double blue flowers. In addition to its garden value it makes a splendid pot-plant. Pkt. 15c; 2 pkts. for 25c.
- 42 CENTAUREA imperialis.** *Sweet Sultan.* Gigantic, beautiful, sweet-scented flowers borne on long stems. Mixed. Pkt. 10c.
- 43 Gymnocarpa.** *White-leaved Dusty Miller.* Grown for its silver foliage. 2 ft. Pkt. 10c; ¼oz. 60c.
- 44 Candidissima.** *Dwarf Dusty Miller.* Fine for edging and hanging-baskets. Pkt. 15c; ¼oz. \$1.00.

**45 CHRYSANTHEMUM, Annual.** Plants 2 feet high, bearing in profusion large, daisy-like flowers on good stems. Quite distinct from the hardy perennial and autumn-flowering varieties. Mixed colors. Single or double. Each, pkt. 10c; ¼oz. 25c.

**46 CINERARIA grandiflora, Prize Mixed.** One of the most ornamental and useful plants for conservatory and house decorations. Medium tall. Pkts. 60c and \$1.00.

**47 Cremer's Prize Strain.** Pkts. 75c and \$1.50.

**48 CLARKIA.** One of the prettiest and showiest hardy annuals. They are useful for hanging-baskets, for vases, and as edging plants. Grow in partial shade. They bloom through midsummer to late autumn. 1½ ft. Pkt. 10c.

**CASTOR-OIL BEAN.** See *Ricinus*.

**49 CELOSIA cristata.** *Crested Cockscomb.* Very desirable annual of easy culture. Large, comb-like heads. Excellent border plants; very good for pots. Dry nicely for winter bouquets. Red and Mixed. Each, pkt. 10c; ¼oz. 75c.



40 Cornflower, Mixed. Pkt. 10c

**50 CELOSIA plumosa.** *Feathered Cockscomb.* Very decorative plant for the garden. The feather plumes are excellent for cutting. Can also be cut and dried for winter use. Red, Mixed colors. Pkt. 10c; ¼oz. 50c.

**51 CHINESE WOOLFLOWER** (*Celosia Childsi*). This is a unique form of the Feathered Cockscomb, growing 2 to 3 feet high, each branch terminated with a large head that looks as if made of silky wool. Effective in beds and highly interesting for cutting, as they can be dried and retain their bright color for weeks. Mixed or Scarlet. Each, pkt. 10c; ¼oz. 50c.

**52 COBÆA scandens.** *Cup-and-Saucer Vine.* Well-known climber of rapid growth, producing large, bell-shaped blossoms. In sowing, place the seeds edgewise, and merely cover with light soil. Blue and White, Mixed. Pkt. 10c.

**307 CLEOME, Pink Queen.** *Spider Plant.* New. See page 3.

**CONVOLVULUS.** See *Morning-Glory*.

**309 TAHOKA DAISY.** A dwarf blue Daisy, blooming all summer. Large blue flowers, small yellow center. Long stem; fern-like foliage. Pkt. 15c; large pkt. 25c.

**53 COLEUS, Large-leaved Hybrids.** Popular bedding plant with beautifully colored foliage. Easily grown from seed if kept in warm temperature. Pkt. 25c.

**54 COSMOS, Sensation.** Mammoth flowers, 4 to 5 inches in diameter, on long, strong stems. Blooms in 10 weeks from seeding. 4 ft.

**Pinkie.** Rose-pink.

**Purity.** White.

**Cardinal.** Red.

**55 Mixed.**

Each, pkt. 10c; ½oz. 25c.

**56 Cosmos, Orange Flare.** An early-flowering strain, blooming in four months from seed. Marigold-like foliage. Grows 2 to 3 feet tall, bushy. Pkt. 10c.

**308 Yellow Flare.** *Silver Medal.* This splendid cutting flower is a golden yellow form of the original Orange Flare. Plants grow about 4 feet tall, come into bloom very early, and bloom profusely until late fall. Pkt. 15c.

**308A Radiance.** New. See page 3.

**57 Lady Lenox.** A giant-flowering late strain that blooms profusely. Pink, White, Crimson, or Mixed. Each, pkt. 10c; oz. 75c.

**58 Early Summer-flowering.** Large flowers with broad petals. Comes into bloom in July. Profuse bloomer. 4 ft. Crimson, Pink, White, and Mixed. Each, pkt. 10c; oz. 75c.

**59 Double-crested.** This is an entirely new class of Cosmos that blooms very early and produces double-crested flowers of exceptional beauty. The grower does not claim that all plants have double flowers (the fields show about 50 per cent). Pink, White, Crimson, and Mixed. Each, pkts. 10c and 25c.

**60 CUPHEA, Firefly.** *Cigar Plant.* Ten-inch flowers from seed in 10 to 12 weeks. Blooms all summer. Pkt. 25c.

**61 CYPRESS VINE** (*Ipomœa Quamoclit*). A very graceful annual climber with feathery foliage and beautiful, star-like flowers. Scarlet, White, Mixed. Each, pkt. 10c.

**62 CYNOGLOSSUM, Firmament.** *Chinese Forget-me-not.* New dwarf type. Plants compact, 15 to 18 inches tall. Especially free-flowering in habit and noted for its long season of bloom. Pkt. 10c; ¼oz. 40c.



55 Cosmos, Sensation, Mixed. Pkt. 10c

**DAHLIAS.** There is no more fascinating flower to raise from seed than the Dahlia. The results are a series of surprises.

**63 California Giants.** A selection from named varieties, grown by a celebrated producer in California. Pkt. 25c.

**64 Unwin's Dwarf Hybrids.** Graceful semi-double flowers in many colors. Sow in March indoors and they will bloom by the end of June. Fine for bedding and cutting. Pkt. 15c.

**64A Coltness Hybrids.** Dwarf. Single. Will bloom in 4 months. Pkt. 15c.

**64B Unwin's Ideal Bedding.** Pkt. 15c; special pkt. 50c.

**65 DIANTHUS chinensis.** Chinese Pinks. Single, Mixed. Pkt. 10c.

**66 Double, Mixed.** Pkt. 10c.

**67 Sweet Wivelsfield.** A hybrid between a Pink and a Sweet William. Seed started in January and planted out in April will flower in May and bloom all summer in a variety of colors. Pkt. 10c.

**311 Heddensis, Westwood Beauty.** See page 3.

**68 DIMORPHOTHECA aurantiaca.** African Orange Daisy. One of the showiest garden annuals. Compact, bushy plants with orange-gold, daisy-like blooms on long stems. Pkt. 10c.

**69 Aurantiaca hybrida.** A splendid mixture of colors and shades. Pkt. 10c.

**70 DIDISCUS caerulea.** Blue Lace-Flower. This pretty and interesting annual blooms most profusely from July till November. The exquisite pale lavender blossoms are excellent for cutting. Plants grow about 1½ feet high, and have as many as 50 flowers open at one time. Pkt. 10c.

**71 DOLICHOS Lablab.** Hyacinth Bean: Texas Climber. Showy climber, making rapid growth. White, Purple, Mixed. Each, pkt. 10c; oz. 25c.

**72 EUPHORBIA.** Snow-on-the-Mountain. Plants with ornamental foliage. Very showy and easily raised from seed. Pkt. 10c.

**73 ESCHSCHOLTZIA californica.** California Poppy. Poppy-like flowers in shades of scarlet, yellow, mauve, and orange-scarlet. Blooms from June till frost. Fine for borders or large beds. Choice Mixed. Pkt. 10c; oz. 75c.

**EVERLASTINGS or STRAWFLOWERS.**

See *Helichrysum*, *Statice*, *Gomphrena*.

**FOUR-O'CLOCK.** See *Marvel of Peru*.

**73A FLAX, Blue or Scarlet.** Hardy annual. Pkt. 10c.



66 Dianthus, Double Mixed. Pkt. 10c

**74 GAILLARDIA, Single or Double.** Blanketflower. One of the best garden flowers. Excellent for cutting. The large, highly colored, daisy-like flowers appear continually during the season. Pkt. 10c; ¼oz. 25c.

**75 Indian Chief.** A magnificent large, single flower with dark brown center and showy, metallic red petals. Fine for garden display or cutting. 2 ft. Pkt. 10c; ¼oz. 25c.

**76 GODETIA.** Satin Flower. Easily grown plants produce a profusion of beautiful flowers of satiny texture. Mixed colors. Pkt. 10c.

**76A Carmine Improved.** Tall, graceful plants with racemes of double flowers, throwing a large carmine blotch, spreading half-way outward from the base of each petal. Pkt. 10c.

**77 GOMPHRENA globosa.** Globe Amaranth. Clover-like heads of everlasting flowers which can be dried for winter bouquets. 15 in. Red, Purple, and Mixed. Each, pkt. 10c; ¼oz. 25c.

**78 GERANIUM zonale, Mixed.** Largest and finest varieties. Pkt. 25c.

**79 GOURDS.** Rapid climbers. State kind wanted.

**LARGE-FRUITED SMALL-FRUITED**

<b>Caveman's Club</b>	<b>Nest-Egg</b>
<b>Dishcloth or Luffa</b>	<b>Pear Shape</b>
<b>Hercules' Club</b>	<b>Mockorange</b>
<b>Sugar Trough</b>	<b>Spoon</b>
<b>Calabash or Pipe</b>	<b>Apple</b>
<b>Dipper</b>	

**General Mixture of small and large varieties.**

Each, pkt. 10c; oz. 40c

**79A Surprise Mixture.** Pkt. 15c; oz. 50c.

**80 GYPSOPHILA.** Babys-Breath. Free-flowering plants of easy culture. Excellent for cutting to mix with other flowers. 2 ft. White and Rose. Each, pkt. 10c. White. Oz. 50c.

**HELIANTHUS.** See Sunflower.

**81 HELIOTROPE.** A well-known and highly prized plant on account of the delightful fragrance of the flowers. Excellent for pots or beds. Dark blue varieties. Pkts. 10c and 25c.

**82 HELICHRYSUM.** Strawflower. One of the most popular of the Everlastings; a splendid cut-flower, either fresh or dried. Pink, Crimson, Yellow, Violet, White, and Mixed Colors. Each, pkt. 10c; ¼oz. 50c.

**83 HUNNEMANNIA fumarifolia.** Giant Yellow Tulip-Poppy. 2 ft. Pkt. 10c.

**84 HOLLYHOCK, Single, Annual.** Mixed colors. Pkt. 10c.

**309A House Plants.** See page 3.

**HYACINTH BEAN.** See *Dolichos*.

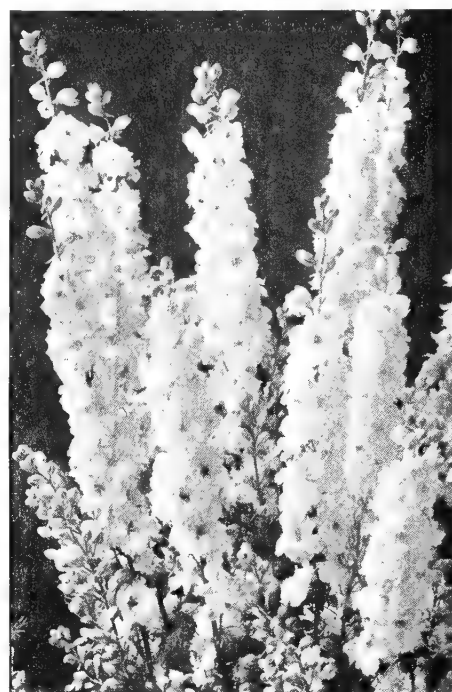
**85 ICEPLANT.** Beautiful dwarf edging plants that bloom profusely in dry and sunny situations. Fine for pots. Covered with watery vesicles resembling pieces of ice. Pkt. 10c.

**86 IMPATIENS, Holsti Hybrids.** Sultan's Balsam. A wide range of exquisite colors. Blooms continuously from midsummer until frost. For outdoors and pot-culture. 1 to 2 ft. Pkt. 25c.

**IPOMEEA.** See Moonflower.

**87 KOCHIA scoparia.** Summer-Cypress; Mexican Fire-Bush. An easily grown annual with feathery green foliage which grows into a cypress-like hedge. At the approach of autumn the foliage turns to a deep red color. 2 to 3 ft. Pkt. 10c; oz. 40c.

**LACE-FLOWER, BLUE.** See *Didiscus caerulea*.



91 Larkspur, Mixed. Pkt. 10c

**88 LANTANA.** Most desirable bedding plant. Seeds are best germinated in a greenhouse from January to March. Flowers resemble verbenas. Plants bloom all summer. Red and orange shades. Dwarf hybrids, mixed. Pkt. 10c; ¼oz. 50c.

**89 LUPINS.** Very desirable showy garden plants. Excellent for cutting. Graceful spikes. 2 ft. Pink, Dark Blue, Light Blue, White, and Mixed. Each, pkt. 10c; oz. \$1.00.

**90 LOBELIA, Crystal Palace.** No garden is complete without an edging of blue Lobelias. Very desirable for pots and hanging-baskets. Blooms July to October. Pkt. 10c.

**91 LARKSPUR or ANNUAL DELPHINIUM, Double Stock-flowered.** Splendid annuals of easy culture. If sown early in spring will produce blooming plants in July. Will bloom earlier when sown in autumn. White, Light Blue, Dark Blue, Pink, and Mixed. Each, pkt. 10c; oz. 75c.

**310 Pink Perfection.** Pkts. 15c and 25c.

## Marigolds

**92 FRENCH, Dwarf.** French Legion of Honor. Single; yellow blotched brown.

**Golden Ball.** Double.

**Lemon Ball.**

**Robert Beist.** Rich mahogany-brown.

**Royal Scot.** Yellow and maroon, striped.

**93 Mixed Colors.**

**317 Spry.** See page 3. Pkt. 15c.

Each, pkt. 10c; ½oz. 50c

**Tagetes, Gnome.** Golden yellow. 10 in.

Each, pkt. 10c

**94 AFRICAN TALL.**

**Lemon Queen.** Soft lemon-yellow.

**Orange Prince.** Golden orange.

**Mixed.**

Each, pkt. 10c; ½oz. \$1.00

**95 GUINEA GOLD.** A distinct type of Marigold, with graceful, pyramidal habit, growing 2 to 2½ feet high. Flowers semi-double, 2 to 2½ inches across. Wavy petals of a brilliant shade of orange and gold. Pkt. 10c; ½oz. 50c.

**96 Dwarf Gigantea, Pot O'Gold.** Double; deep orange. 15 in. Pkt. 10c.

**96A Dwarf Gigantea, Gypsy Jewels.** Double Mixed. 15 in. Wide range of brilliant colors. Compact plants; free blooming. Pkt. 10c.

ORDER BY NUMBER AND NAME

## Novelty Marigolds

- 320 Mission Giants, Goldsmith and Mixed.** Described on page 3.
- 316 Flash.** *New.* See page 3.
- 315 Real Gold.** *New.* See page 3.
- 315A Limelight.** See page 3.
- 97 Yellow Supreme.** *New.* Large, fluffy blooms which are sweetly scented. A fine companion to Guinea Gold. Flowers of dazzling lemon-yellow color, nearly 3 inches in diameter. Pkt. 10c.
- 98 Harmony.** A lovely Scabious-flowered type of the dwarf French Double Marigold. Plants are 10 to 12 inches high and produce great quantities of their lovely flowers which have a high golden orange center tuft and 4 or 5 rows of reddish brown guard petals. Pkt. 10c.
- 99 Gigantea, Sunset Giants.** Here we have a showy, sweetly scented, exceptional-sized Marigold flower averaging 5 inches in diameter, ranging in color from deep orange to lemon-yellow, and a new, delightful shade of primrose. Plants are 3½ to 4 feet high. They start blooming about July 15 and will bloom profusely until frost. Sunset Giant is worthy of the showiest spot in any garden. Pkt. 10c.
- 100 Crown of Gold.** A round-topped flower of rich golden yellow surrounded by a collar of big broad petals of the same color. Flowers sweet-scented. Foliage odorless. 2 ft. Pkt. 10c.
- 101 MARVEL OF PERU.** *Four-o'Clock.* Bushy plants of easy culture, producing hundreds of flowers during the entire summer. Very showy. 2 ft. Pkt. 10c; oz. 50c.
- 102 MIGNONETTE, Golden Machet.** Valuable for cutting on account of its fragrance. Sow in succession during the whole summer; may also be forced in greenhouses during winter. Large, reddish tinted, sweet-scented flowers. Pkt. 10c; ½oz. 50c.
- 103 New York Market.** A specially selected strain of tall-growing, very sweet Mignonette. Pkt. 15c; ½oz. 75c.
- MOMORDICA.** See **Balsam-Apple.**
- 104 MOONFLOWER (Ipomœa noctiflora).** Climber. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10c; oz. 75c.
- 105 Heavenly Blue.** Pkt. 10c.



99 Marigold, Sunset Giants. Pkt. 10c

## Morning-Glories

- 322 Pearly Gates.** White. Pkt. 15c.
- 106 Double, Rose Marie.** An early, free-flowering variety; beautiful deep rose, of double and semi-double form. Pkt. 15c; 2 for 25c.
- 107 Imperialis, Single Fringed, Mixed.** These are the handsomest of all Morning-Glories. All colors. Pkt. 10c; oz. 50c.
- 108 Heavenly Blue (Ipomœa).** Beautiful flowers of bright sky-blue. Pkt. 10c; oz. 60c.
- 321 Scarlet O'Hara.** Carmine-red. Pkts. 15c and 25c.
- 108A PASSION VINE.** Unusual blue and white half-hardy climber. Pkt. 10c.
- MOURNING BRIDE.** See **Scabiosa.**
- 109 NICOTIANA.** Showy flowers so fragrant that a small bed will perfume the surrounding atmosphere. Red, White and Mixed. Each, pkt. 10c.
- 110 NIGELLA, Miss Jekyll.** *Love-in-a-Mist.* Beautiful double flowers of a clear cornflower-blue. Good for cutting. 1½ ft. Pkt. 10c.
- 111 OENOTHERA Lamarckiana.** *Evening Primrose.* Blooms from June until frost. The large, golden yellow, fragrant flowers open at dusk. 2 to 4 ft. Pkt. 10c; ¼oz. 40c.

## Nasturtium

### New Double Sweet-scented

- 112 Dwarf Globe, Mixed.** The dwarf, compact, globe-shaped plants are literally covered with many colored giant double and semi-double, long-stemmed, sweet-scented flowers. Pkt. 10c; oz. 25c.
- 113 Scarlet Gleam.** More dazzling in color than the showy Golden Gleam. The fiery orange-scarlet flowers are fully double, very large, well formed, and pleasingly sweet scented. Pkt. 10c; oz. 25c.
- 114 Double Gleam Hybrid.** The flowers are uniformly double, large, well formed and delightfully sweet scented, with stems long and wiry, bearing the numerous flowers well above the foliage. Pkt. 10c; oz. 25c.
- 115 Golden Gleam.** Makes a vigorous, large bush and throws out a few short runners, covered with double, large, golden yellow, fragrant blooms. Pkt. 10c; oz. 25c.

### Single Dwarf Varieties

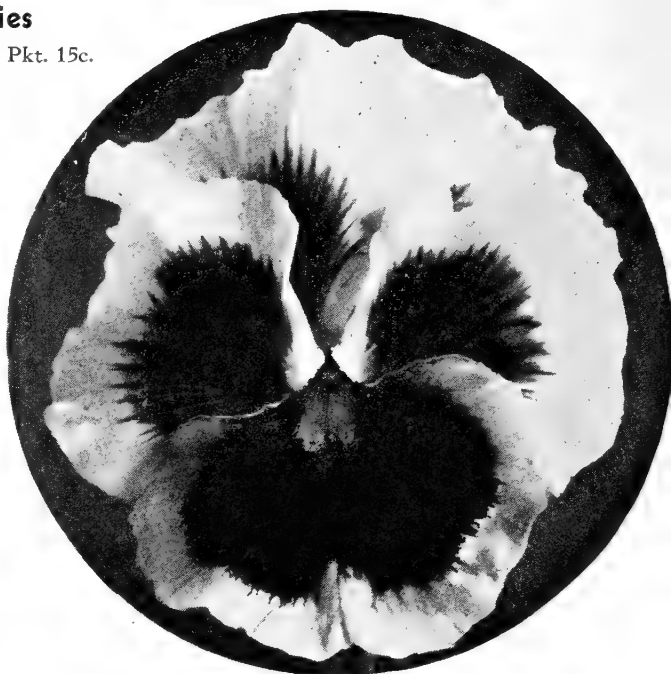
- 116 Chameleon.** Produces various colors and markings on the same plant.
- 116A Dark-leaved Varieties Mixed.**
- 117 Empress of India.** Dark-leaved velvety dark scarlet blooms. Select flowers.
- 118 Fancy Giant-flowering Dwarf, Mixed.** Above four varieties, pkt. 10c; oz. 25c; ¼lb. 75c
- Quantity price on Nasturtiums furnished on application.

### Tall Varieties

- 119 Mixed.** For covering trellises, fences, arbors, piazzas, or trailing from vases, urns, etc. Bloom early summer until frost. Pkt. 10c; oz. 25c.
- 119A Red-flowering.** Pkt. 10c; oz. 25c.

## Perfection Pansies

Strictly considered, this is a biennial, but the fact that it flowers the first season from seed recommends it as an annual. There are actually three seasons in which Pansies can be planted. If started in the house from



121 Pansy, Triumph of Giants, Mixed. Pkts. 25c and 50c

February until April, Pansies will begin to bloom from July on; sown outdoors in May, beautiful flowers are produced in the fall; sown in frames during July and August and transplanting later gives us the main crop of flowers the following spring. Pansies thrive best in moist, semi-shaded situations in open exposure.

**120 Giant Exhibition.** A blending of our own, containing only the very choicest the specialists in Europe have to offer. It can be relied on to produce flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt. 10c; oz. \$5.00.

**121 Triumph of Giants.** Flowers of great brilliancy and richness of coloring, including many new and rare shades. Florists' strain. Pkts. 25c and 50c; ¼oz. \$2.25; oz. \$8.00.

**122 Swiss Giant Mixed.** Very large florists' strain. Pkts. 25c and 50c; ¼oz. \$2.25; oz. \$8.00.

**123 Swiss Giant.** Ullswater blue, Giant dark blue, Golden Yellow blotched, Claret Wine-red, White, Coronation Gold, pure golden yellow. Each, pkts. 25c and 50c; ¼oz. \$2.25.

## Petunias

The Petunia is without a peer among annuals for effective summer bedding or indoor culture. It is of easy culture, early to blossom, and continues throughout the summer until the first killing frost. No other flower produces greater diversity of color, retaining its freshness for so long a period.

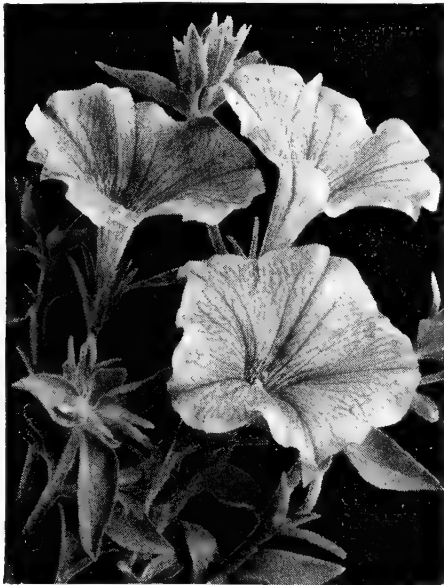
**124 Superbissima, Single Giants of California.** Single, fringed and ruffled blooms. The best strain of giant, pot-grown Petunias, all selected from the finest new colors, hand pollenized and glasshouse grown. Fine for potting. Pkts. 25c and 50c.

**125 Grandiflora, Double Giants of California.** Selected and hybridized with the greatest care. Flowers large, beautifully fringed, and embracing the choicest colors. When transplanting Double Petunias it is very important to plant also the very smallest plants, as these as a rule produce the best double flowers. Pkt. \$1.25.

**313A Salmon Supreme.** See page 3.

ORDER BY NUMBER AND NAME





128 Petunia, Fine Bedding. Pkt. 10c

**PETUNIAS, continued**

**Bedding and Window-box**

- 126 **General Dodd.** Rich blood-red. Splendid bedding variety. 18 in. Pkt. 10c.
- 127 **Fluffy Ruffles.** Handsome large ruffled flowers with finely fringed edges. Many splendid colors. Pkts. 25c and 50c.
- 128 **Fine Bedding.** Very fine. Striped blotched, and all colors mixed. 12 in. Pkt. 10c; oz. \$2.50.
- 129 **Elk's Pride.** Large, deep royal purple. 12 in. Pkts. 25c and 50c.
- 130 **Flaming Velvet.** Brilliant velvety blood-red. Plants neat, compact, and bearing a profusion of blooms through the summer. 18 in. Pkts. 25c and 40c.
- 131 **Snowstorm.** Large; pure white. 12 in. Pkts. 25c and 50c.
- 132 **Snow Queen.** Pure white. 12 in. Pkt. 10c; oz. \$3.50.
- 133 **Rosy Morn.** Pink. Pkt. 10c; oz. \$3.00.
- 134 **Rose of Heaven.** A very effective rich and brilliant variety with luminous rose-pink blooms. 12 in. Pkt. 10c; 1/8oz. 75c.
- 135 **Heavenly Blue.** Silvery blue. 12 in. Pkt. 10c; 1/8oz. \$1.00.
- 313 **Igloo.** See page 3.
- 314 **English Violet.** See page 3.
- 136 **Howard's Star.** A beautiful variety. Produces a profusion of single reddish purple flowers, each having a distinctive five-pointed white star. Pkt. 10c; oz. \$3.50.
- 137 **Howard's Star Improved.** Velvety purple, pure white star. 18 in. Pkts. 25c and 40c.
- 138 **Twinkles.** Beautiful pink blooms with white star. 18 in. Pkts. 15c and 40c.

**Balcony**

- 139 **Balcony.** A splendid free-flowering type for window or porch-boxes, vases, etc.; also valuable for bedding, giving a display of flowers throughout the entire summer until frost. The blooms are large, averaging 3 inches across. Blue, Red, Rose, and White. 18 in.
- 140 **Mixed Colors.**  
Each, pkts. 10c and 40c; 1/4oz. \$1.00

**Poppies**

Dainty flowers with tissue-like petals. If cut just before opening and the stems seared or dipped in boiling water, they make splendid cut-flowers. Plant as early as possible where they are to stay, as they do not transplant well. Successive sowings every two weeks will give continuous bloom.

**Single Varieties**

- 141 **Shirley.** A bed of these Poppies produces a gorgeous effect in the garden. Large flowers with brilliant colors. Pkt. 10c; oz. 60c.

**POPPIES, continued**

- 142 **American Legion.** Scarlet-white Maltese cross. Pkt. 10c; oz. 75c.

**Double Varieties**

- 143 **Double-flowered, Mixed.** Immense double flowers, resembling a peony. 2 ft. Pkt. 10c; oz. 60c.

**POPPY, YELLOW TULIP.** See *Hunne-mannia*.

- 144 **PORTULACA, Single.** *Mexican Rose.* Brilliant hardy annual of easy culture. Excellent for massing in beds or rock-work. Thrives best in a light, sandy soil and a sunny situation. Flowers of the brightest colors. Pkt. 10c; 1/8oz. 75c.
- 145 **Double.** Pkt. 10c; 1/4oz. \$1.00.

- 146 **PHLOX Drummondii.** Easily grown from seed. Makes a brilliant display as a summer bedding plant. White, Pink, Scarlet, Purple, Primrose, Violet with eye, Rose with carmine eye. Each, pkt. 10c; large pkt. 25c; 1/8oz. \$1.00.

- 147 **Phlox. All Colors Mixed.** Each, pkt. 10c; large pkt. 25c; 1/8oz. \$1.00.

- 148 **ROCK-GARDEN MIXTURE.** Choicest dwarf varieties. Pkt. 10c; oz. \$1.00.



145 Portulaca, Large-flowering, Double. Pkt. 10c

**Black-Eyed Susan.** See No. 26.

**Ricinus • Castor-Oil Bean**

One of our best ornamental annual plants, largely used for the center of beds, being splendidly effective grouped with cannas, caladiums, and other tall plants.

- 149 **Zanzibarensis.** Large bright green leaves with white veins. Mixed. 7 ft. Pkt. 10c; oz. 30c.
- 150 **Mixture.** Appreciating fully the splendid effects that a fine array of these desirable foliage plants will make in your garden, we have composed a mixture that for elegant blending is unsurpassed. Pkt. 10c; oz. 25c.

- 151 **SALVIA splendens.** *Scarlet Sage.* There is nothing more effective in the fall or mid-summer than these immense bright scarlet flowers. Seed should be started either in the house from February until April or in hotbeds. Pkt. 10c; 1/4oz. \$1.25.

- 152 **Bonfire.** Compact, bushy plants, producing innumerable, erect spikes of the most brilliant scarlet flowers. 2 1/2 to 3 ft. Pkt. 25c; 1/4oz. \$1.50.

- 153 **Zurich.** Early. Of dwarf, bushy, compact growth and very uniform in height and shape. Spikes of brilliant scarlet. Pkt. 25c; 1/4oz. \$1.50.

- 312A **The Baby Salvia.** See page 3.

**SALPIGLOSSIS sinuata. Painted Tongue.**

Very beautiful hardy annual plants, flowering freely from July to early autumn. Rich soil should be provided with plenty of space for plants to develop.

- 154 **Exquisite.** Mixed, light blue and gold. A variety of rich coloring. Pkt. 10c.

- 155 **SCABIOSA. Mourning Bride; Pin-cushion Flower; Egyptian Rose.** Beautifully colored flowers. Fine for cut-flowers. 2 1/2 ft. Rose, Blue, White, Maroon, Red, Yellow, and Mixed. Each, pkt. 10c.

- 312 **Blue Moon.** Pkts. 10c and 25c.

- 156 **SCARLET RUNNER.** Ornamental and useful Climbing Beans. Pkt. 10c; oz. 15c.

- 157 **SENSITIVE-PLANT (Mimosa pudica).** A curious and interesting, half-hardy annual with pinkish flowers. Leaves close when touched. 1 1/2 ft. Pkt. 10c.

- 158 **SMILAX.** A well-known greenhouse climber with small, dark green foliage. Of great value in floral work. Pkt. 10c; oz. 75c.

- 159 **SCHIZANTHUS. Butterfly or Fringed Flower.** A wide range of beautiful colors. Pkt. 10c.

- 160 **Giant-flowered Hybrids, Florists' Strain.** Pkts. 25c and 50c.

**SNAPDRAGON.** See *Antirrhinum*.

**SNOW-ON-MOUNTAIN.** See No. 72.

- 161 **SOLANUM, Christmas Pepper.** An improved variety, producing quantities of miniature Peppers, ranging in color from purple to brilliant red. Pkt. 25c.

- 162 **Cleveland Cherry.** Ornamental plants of dwarf, branching habit for winter decoration. Produces a great profusion of scarlet berries. 1 ft. Pkt. 10c; large pkt. 30c.

- 163 **STATICE.** These have become quite popular, the flowers being used extensively by many of the leading florists. The seeds, supplied in the dried flower-heads, may be started indoors or sown in the open when the weather gets warm. In order to secure satisfactory germination, the flower-heads should be placed in the soil on their sides. 18 in. All Colors Mixed. Pkt. 10c.

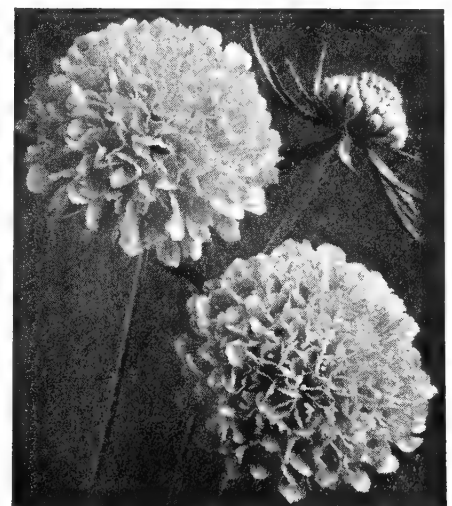
- 164 **STOCK.** Half-hardy annual. Fine for cutting, bedding or edging, also pot-culture. 1 to 1 1/2 ft. White, Pink, Yellow, Crimson, Light Blue, Dark Blue, or All Colors Mixed. Each, pkt. 10c; 1/4oz. 50c.

- 164A **For forcing. Non branching. Double Giant Mixed.** Pkts. 25c and 60c.

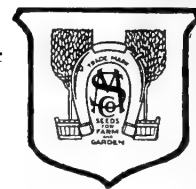
- 164B **For Forcing. Base branching.** Yellow, Pink, White or Blue and all colors Mixed. Each, pkts. 25c and 60c.

- 165 **Evening-scented.** An old-fashioned favorite grown primarily for the entrancing fragrance of its pastel purplish lilac blooms. It is most fragrant during the evening hours. 18 in. Pkt. 10c.

**STRAWFLOWER.** See *Helichrysum*.



155 Scabiosa, Finest Mixed. Pkt. 10c



## Select Sweet Peas

For Sweet Pea Inoculation, see page 9. All Sweet Peas postpaid

Sow 1 ounce of seed to 9 feet of row

The soil for Sweet Peas should be rich and deep. A good loam, with plenty of well-rotted manure in it, is ideal for raising good plants that will produce plenty of blooms of good substance. Considerable benefit has been noted from the use of Inoculating Culture. We can supply a special culture for Sweet Peas for 10c—enough for any ordinary garden. Place in a position fully exposed to the sunlight and air on both sides of row.

They should be sown as early in the season as the ground can be worked, which is usually between the middle of March and the middle of April in the latitude of Baltimore, or they can be planted in October or November for earlier blooming. For fall planting, they must be planted 6 inches deep; in spring, 2 inches deep. As soon as they are above ground, thin out to 2 to 4 inches apart; when planted too close they do not attain their full development. They should be staked up, either with branches of brush or stout stakes on which wire netting has been fastened. These should be at least 4 feet high, and 5 feet would be better. The flowers should be cut as often as possible to prevent running to seed, which would cause them to stop blooming.

**172A Superb Spencer Sweet Pea Mixture.** This superb Mixture is blended by us with extraordinary care from named varieties of the most improved large-flowering type, including recent American and European novelties, as well as a great many new hybrids, as yet unnamed, insuring gorgeous color effect. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50.

### Winter-flowering Spencer Sweet Peas

While these are especially adapted for forcing under glass for winter and early spring blooming, they are also valuable for outdoor culture, coming into bloom five to six weeks earlier than the regular Spencer or Orchid-flowered type, and if the flowers are kept cut, they will continue to bloom for a long time.

- 184 Coquette.** Deep salmon.
- 185 Bacchus.** Rich red.
- 186 Bridesmaid.** Deep silvery pink.
- 187 Tahoe.** Mid-blue self.
- 188 Fragrance.** Clear lavender.
- 189 Hiawatha.** Deep rose-pink.
- 190 Gardenia.** Best white.
- 191 All Colors, Mixed.**

Each, pkt. 15c; oz. 75c

**HARDY SWEET PEAS.** See No. 263.

**192 VERBENA hybrida compacta erecta, Florists' Strain.** Our Mammoth Fancy Strain cannot be surpassed for profusion of bloom and beautiful colors and shades. White, Red, Pink, Blue, and All Colors Mixed. When ordering, state color wanted. Each, pkts. 10c and 25c; 1/4 oz. 75c.

**193 VINCA rosea. Madagascar Periwinkle.** Dwarf bedding plants with deep green, glossy foliage and bright, single blossoms of striking beauty. Sow early. White, with Pink Eye; White, Pink, Crimson, and All Colors Mixed. Each, pkts. 10c and 30c; 1/4 oz. 50c.

To have success, use *Nitragin Inoculation* on Sweet Peas. Garden size 10c. For particulars, see page 9.



192 *Verbena hybrida compacta erecta*. Pkts. 10c and 25c

## Sunflower • Helianthus

Well-known annuals, the small-flowering sorts being useful for cutting; the tall varieties valuable for backgrounds.

- 166 Lilliput.** *Miniature Sunflower.* Small, single, rich yellow flowers, with dark eye. Abundant bloomer. 3 ft. Pkt. 10c; oz. 40c.
- 167 Sun Gold.** Double, large, golden yellow. 4 to 5 ft. Pkt. 10c.
- 168 Excelsior Hybrids.** Extra-large flowers, some of which are rich chestnut-red, others tipped with yellow. Tall. Pkt. 10c; oz. 60c.
- 169 Russian Mammoth.** Immense single yellow flowers on tall, heavy stalks. 6 ft. Pkt. 10c; oz. 25c.

**170 STEVIA serrata.** Free-blooming plants for summer or winter, bearing a profusion of fragrant white flowers. Fine for cutting. 2 ft. Pkt. 10c; large pkt. 30c.

**171 THUNBERGIA alata. Black-eyed Susan.** Beautiful, very ornamental climber. Flowers of various colors. Pkt. 10c.

**172 TORENIA Fournieri.** Showy annual flowering all summer. Splendid for vases, hanging-baskets or border. Flowers sky-blue with yellow centers. 1 ft. Pkts. 15c and 40c.



173 Sweet Pea, Charming Pkt. 10c

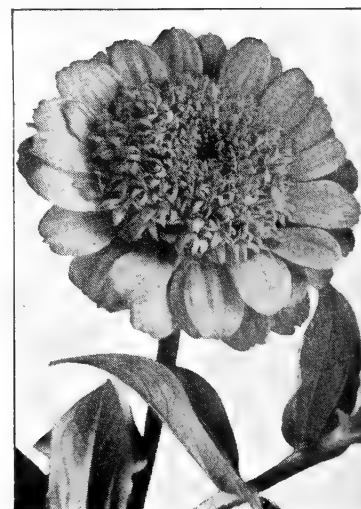
### Separate Colors

- 173 Charming.** Glowing cerise. Very fine immense blooms.
- 174 Flagship.** Deep navy.
- 175 The Sulton.** Maroon.
- 176 Avalanche.** Glistening large pure white.
- 177 Highlander.** Clear lovely lavender.
- 178 What Joy.** This is a fine, rich deep cream.
- 179 Pinkie.** A glorious rich rose-pink.
- 180 Chieftain.** Satin mauve; very fine.
- 181 Red Boy.**
- 182 Bonnie Briar.** Very deep rose-pink.
- 183 Royal Purple.**

Each, pkt. 10c; oz. 30c; 1/4 lb. \$1.00; lb. \$3.00



166 Lilliput Sunflower (*Helianthus*). Pkt. 10c



319 *Zinnia, Giant Crested Howard*, Mixed. Pkt. 15c; large pkt. 25c

ORDER BY NUMBER AND NAME

## Zinnias (Youth and Old Age)

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders, and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in the summer and continue until frost.



203 Dahlia-flowered Zinnia, Mixed. Pkt. 10c

### Giant Dahlia-flowered

Plants of vigorous habit, from 2½ to 3 feet high. Mammoth flowers 4 to 6 inches across and 2½ to 3 inches deep, so closely resembling decorative dahlias that when placed by their side, it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting.

- 194 **Canary Bird.** Primrose-yellow.
- 195 **Crimson Monarch.** By far the largest and best of the red shades. Plants very vigorous.
- 196 **Dream.** A fine deep lavender turning to violet—a new, desirable shade in Zinnias.
- 197 **Exquisite.** One of the most pleasing in the collection. Truly Dahlia-flowered as regards form and size. Light rose.
- 198 **Golden Dream.** A very rich golden yellow.
- 199 **Illumination.** Deep rose self.
- 200 **Purple Prince.** A fine, deep purple, large and well formed.
- 201 **Oriole.** One of the most beautiful of its class. An immense orange and gold bi-color, changing slightly as it ages.
- 202 **Polar Bear.** A very large pure white. The best white yet seen in Zinnias.

Each, large pkt. 10c; 3 pkts. 25c; oz. \$1.25

### Collection:

One pkt. each of the above 9 sorts, 75c

- 203 **Finest Mixed.** Containing a wonderful range of beautiful colors. Pkt. 10c; 3 pkts. 25c; oz. \$1.00.

### Fantasy or Chrysanthemum-flowered

Quite different from any other type.

- 204 **Star Dust.** Golden yellow. Gorgeous bedding variety and an exceptional cut-flower.
- 205 **Wildfire.** Dazzling scarlet.
- 206 **White Light.** Fine white.
- 206A **Mixed.** A bright, colorful mixture of many shades. Pkt. 10c; ½oz. 25c; ¼oz. 40c.
- 318 **Cactus-Flowering Giants.** See page 3.

- 207 **Super Crown o'Gold, Pastel Tints.** The many exquisite pastel tints represented in this glorious new strain are truly enchanting. Flowers are large and showy, more than 5 inches in diameter, and are borne profusely throughout the summer and fall on plants 3 feet tall. Pkt. 10c; special pkt. 25c.

- 207A **SCABIOUS-FLOWERED.** The plant reaches a height of 40 inches and flowers profusely. Its outstanding feature consists in the formation of the flower forming an outer ring of long petals, whereas the center shows many small flowers which at first sight have a great likeness to the scabiosa. Mixed colors. Pkt. 10c.

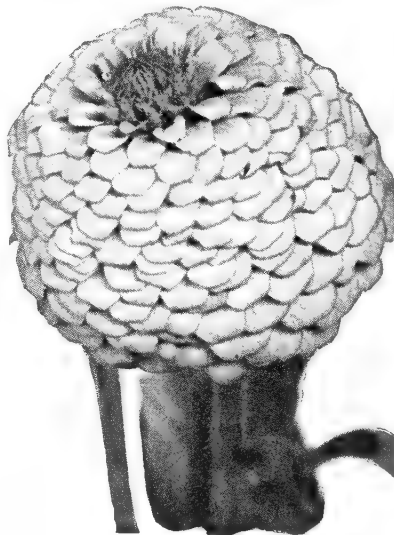
- 208 **DWARF DOUBLE.** Cut and Come Again. Compact bushes not over 2 feet in height. Scarlet, Pink, Yellow, White, and All Colors Mixed. Each, pkt. 10c; oz. \$1.00.

**CALIFORNIA GIANTS.** Plants grow to a height of 3 to 4 feet with immense, perfectly double, flat flowers, splendid for cutting or garden effect.

- 209 **Brightness.** Bright pink.
- 210 **Daffodil.** Canary-yellow.
- 211 **Grenadier.** Bright red.
- 212 **Lavender Queen.** Deep rosy lavender.
- 213 **Purity.** Best white in Zinnias.
- 213A **Orange King.** Burnt orange.

Each, pkt. 10c; special pkt. 25c; oz. \$1.25; Special, 1 pkt. of each, 50c

- 214 **California Giants, Mixed.** Pkt. 10c; special pkt. 25c; oz. \$1.25.



215 Lilliput Zinnia, Mixed. Pkt. 10c

- 215 **LILLIPUT or POMPON.** A very pretty type of compact habit not over 15 inches high, bearing in lavish profusion, small, densely double flowers on long stems, held well above the foliage. Make a good border or bed and are of more than usual value for cutting. Yellow, Purple, Pink, Red, White, Golden Orange, and All Colors Mixed. Each, pkt. 10c; oz. \$1.00. One pkt. of each color (6 pkts.), 50c.

- 216 **Lilliput Pastel Mixture.** Delicate pastel shades. Pkt. 10c; oz. \$1.00.
- 216A **Black Ruby.** Velvety maroon.

### THE BOOK OF ANNUALS

By Alfred Carl Hottes

Describes over 100 kinds of annuals.

171 pages, \$2.00, postpaid \$2.10

- 319 **Giant Crested Howard.** See page 3.

- 217 **LINEARIS.** Single; golden orange with yellow stripe on each petal. Fine for border or window-boxes. Early. Blooms profusely until frost. A neat, compact plant. 10 in. Pkt. 15c; 2 pkts. for 25c.

- 218 **TOM THUMB MINIATURE, Mixed.** A charming type with plants growing 6 to 10 inches high, forming compact little bushes covered with perfectly double blooms of miniature size. Includes all popular Zinnia shades such as red, orange, yellow, pink, rose, and many others. Pkt. 10c; ¼oz. 50c.

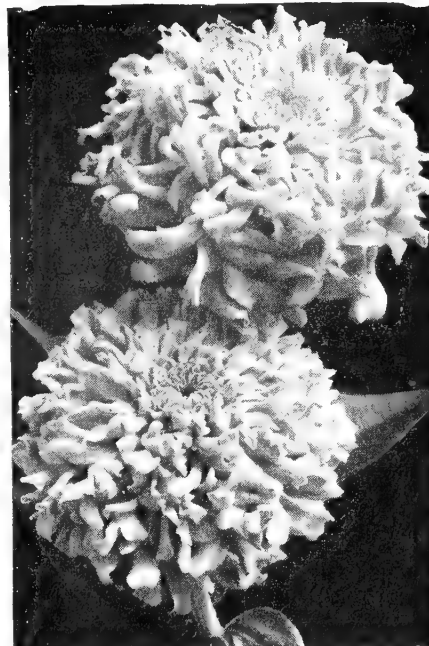
- 219 **HAAGEANA, MEXICAN HYBRIDS, Mixed.** Very popular small-flowering Mexican Zinnias, which have a charm all their own. Excellent for bedding, making a fine display, with long stems. Exceptionally good for house decorations. The mixture contains many attractive colors and color combinations. Pkt. 10c; large pkt. 50c.

- 220 **CREeping ZINNIA** (*Sanvitalia procumbens*). For beds, borders and edging. The 6-inch plants bloom all summer and fall. Small bright yellow flowers. Pkt. 10c; ¼oz. 75c.

## 220A Annual Cut-Flower Seeds for Wild Gardens

*A Surprise Collection, Containing Practically Every Annual in Existence*

Large borders, along carriage drives and woodland walks, shrubby borders, and the like, may be pleasingly brightened as a result of freely sowing mixed flower seeds. The expense involved is nominal in comparison with the wealth of bloom obtained. And at blooming time, some of the cheery flowers may be cut and transferred indoors, without noticeably lessening the charm of the outdoor plantings. Be careful not to sow the seeds too close together, as suitable space for plant development will contribute to the effectiveness of your planting. Pkt. 10c; oz. 30c; ¼lb. \$1.00; lb. \$3.00.



318 Cactus-flowering Giant Zinnia, Mixed. Pkt. 15c



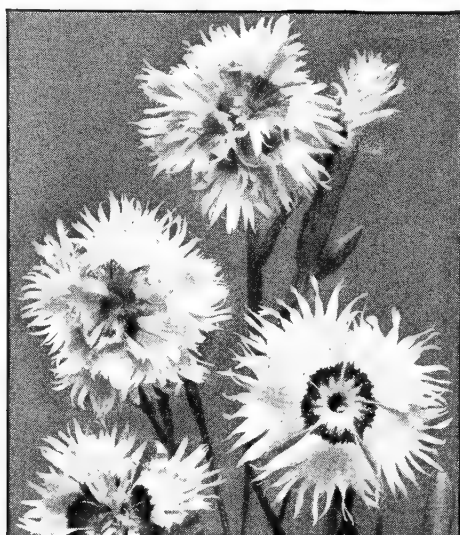
# PERENNIAL AND BIENNIAL FLOWER SEEDS

Pkt. 10c, unless otherwise noted  
Cultural Directions for Sowing Perennial and Biennial Flower Seeds

Perennial seed may be sown outdoors from May until September. A good, finely sifted soil should be used, to which add some sand and granulated peat moss. It is absolutely necessary that a shaded location be selected, or if sown in a coldframe, lath coverings or sash covered with burlap should be used. The soil must be kept moist at all times, therefore we deem it advisable to sow in this manner. If the soil should become dry for only a short period, the seed would be destroyed.

A common mistake in sowing flower seeds is covering too deeply; as a general rule cover only to a depth of the thickness of the seeds.

Some seeds are of much slower germination than others, therefore it is wise not to be impatient. For instance, Hardy Primulas will often lie dormant in the ground for six months to a year; Columbines and other varieties of a like nature, two to three months. As soon as the plants are large enough to handle, they should be transplanted to the permanent location in the perennial border or nursery rows.



246 *Dianthus plumarius* (Garden Pink). Pkt. 10c

221 *ANCHUSA italica*, **Dropmore**. Rich gentian-blue. 3 to 5 ft. May, June. Pkt. 10c.

222 *ANTHEMIS tinctoria*. **Hardy Marguerite**. A handsome, hardy perennial, bearing daisy-like bright yellow flowers all summer. Excellent for cutting. 2 ft. Pkt. 10c.

223 *ACONITUM*. **Monksblood**. Pkt. 10c.

224 *ALYSSUM saxatile*. **Basket of Gold**. Yellow. For rock-gardens. Pkt. 10c.

225 *ANEMONE coronaria*, **St. Brigid**. **Choice Double, Mixed**. Anemones are easily grown from seed, bloom early when good cut-flowers are scarce, and are perfectly hardy. Semi-double. Pkt. 10c.

**AQUILEGIA**. See **Columbine**.

226 *ARMERIA formosa*. **Sea-Pink; Thrift**. Large, brightly colored, ball-shaped flowers. 16 in. Pkt. 15c.

227 *ARABIS*. **Rock-Cress**. Early spring-flowering plants especially adapted for edging and rockery. Pure white blossoms in May. 6 in. Pkt. 10c.

228 *ASTER*, **PERENNIAL**. **Michaelmas Daisy**. Pkt. 25c.

228A **BRAZILIAN BUTTERFLY FLOWER**, (*Asclepias*). 30 in. Blooms first year from seed. Buff, gold, and orange scarlet. Fine cut-flower. Pkt. 15c; 2 pkts. 25c.

**BELLIS**. See **Daisy, English**.

229 *CAMPANULA Medium*. **Canterbury Bells**. Biennials which, if sown during the summer, bloom the following June, after which the plants die. They are fine border plants and the color of the flowers is exceptionally pure.

**Single**. **Cup-and-Saucer**. Blue, Pink, White, or Mixed.

**Double**. **Mixed**.

Each, pkt. 10c

230 *CANDYTUFT*, **Perennial** (*Iberis*). White and Lilac. Each, pkt. 15c; ¼oz. \$1.25.

231 **CARNATIONS, Hardy Border**. Dwarf, compact plants with a great profusion of double flowers in various colors. Early flowering and invaluable for cutting. Will bloom first year if seed is sown early. Carnations like lime. 1 ft. Red, Pink, White, Yellow, and Mixed. Each, pkt. 25c; ¼oz. \$1.50.

231A *CERASTIUM tomentosum*. **Snow-in-Summer**. Dwarf, white-leaved edging plant. Flowers white. Pkt. 10c.

232 **CHINESE LANTERN PLANT**. An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruits which can be cut and dried for winter bouquets. Pkt. 10c.

233 *CHEIRANTHUS Allioni*. **Siberian Wallflower**. A biennial. Brilliant orange flowers. 1 ft. For the rock-garden. Pkt. 10c.

321A **CHRYSANTHEMUMS, ARTIC HYBRIDS**. See page 3.

322 **CHRYSANTHEMUMS, KOREAN HYBRIDS**. See page 3.

234 **COREOPSIS, Mayfield Giant**. A hardy perennial bearing a profuse and long-continued succession of large, bold, golden yellow flowers during the whole summer. Seed sown in March will flower the same season. 2½ ft. Pkt. 10c.

234A **Double, Sunburst**. Large; golden yellow. Fine cut-flower. Pkt. 10c.

235 **COLUMBINE** (*Aquilegia*). Graceful plants with long-spurred flowers. Thrives under ordinary garden culture. Orange and Scarlet, Blue, Pink, and All Shades, Mixed. Each, pkt. 10c.

236 **Mrs. Scott Elliott's Strain**. Pkt. 25c.

237 **DAISY, English, Double** (*Bellis perennis*). Seed should be sown from June 1 until September, transplanted in the fall, and they will flower the following spring. If sown in the spring, they will flower in the autumn. 4 in. White, Pink, Crimson, and White Pink center, and Mixed. Pkt. 25c. Stock very scarce.

**SHASTA DAISY**. Very large, white flowers on long stems.

238 **Single**. Pkt. 10c.

239 **Double**. Fine for cutting. Extra-large. Pkt. 25c.

**DELPHINIUM**. **Hardy Perennial Larkspur**. Highly prepossessing plants of stately appearance and of easiest culture. Their main season of bloom is in June, but if the flower-spike is cut back promptly it will branch and flower all through fall.

240 **Bellamosum**. Deep blue. Pkt. 10c; ¼oz. \$1.00.

241 **Belladonna**. Light blue. Pkt. 10c; ¼oz. \$1.00.

242 **Galahad Series**. Pure white. Pkt. 25c.

243 **Prize Mixture of Tall Varieties**. A glorious strain, comprising outstanding colors and varieties. Pkt. 10c; ¼oz. \$1.00.

244 **Wrexham Extra-Double New Hybrids**. Large, double flowers in big heavy spikes. A fancy blending of light and dark shades. Pkts. 25c and 50c.

244A **Pacific Giants, Round Table Series**. The finest hybrids. Pkts. 25c and 50c.

244B **Pacific Giants, Guinevere Series**. Pink, lavender. Pkts. 25c and 50c.

245 **Delphinium, M.-S. Hollyhock Strain, Choice Mixed**. One large spike with double and single flowers of enormous size. Light shades. Pkts. 25c and 50c.

246 **DIANTHUS plumarius**. **Garden Pinks**. These varieties are well adapted for beds and borders. They have a delightful, refreshing, spicy odor. Should be in every garden where cut-flowers are wanted, and make a fine edging to a hardy border. **Single and Double Mixed**. Pkt. 10c.

247 **DIGITALIS**. **Foxglove**. Handsome ornamental hardy plants of stately growth, succeeding almost anywhere. Produces long spikes of beautiful, tubular-shaped flowers. 4 to 5 ft.

**Gloxiniaeflora, Mixed and The Shirley**. Large spotted flowers. Mixed. Each, pkt. 10c.

248 **FLAX** (*Linum*). **Bright Blue**. 24 in. **Yellow**. 12 in. Each, pkt. 10c

249 **FEVERFEW**. Double; white. Fine for cut-flowers. 1½ ft. Pkt. 10c.

250 **GEUM**. Double flowers of intense orange-scarlet. For sunny location. 2 ft. **Mrs. Bradshaw**. Double; scarlet. **Lady Stratheden**. Golden yellow. Each, pkt. 10c

251 **GAILLARDIA, Mixed**. If sown early, will bloom first season. Pkt. 10c.

252 **Goblin**. Compact plants 12 to 15 inches high, covered with yellow-bordered deep red flowers. Pkt. 10c.

253 **GYPSOPHILA paniculata alba**. White. Pkt. 10c.

254 **Repens**. A fine trailing plant, covered with tiny flowers. For rock-gardens. 8 in. White and Rose. Each, pkt. 10c.

255 **HIBISCUS**. **Mallow**. Easily grown, strong plants with large, showy flowers. 4 ft. Various colors mixed. Pkt. 10c.

256 **HEUCHERA sanguinea**. **Coral-Bells; Alumroot**. Spikes of vivid crimson flowers. Excellent for cutting. 1 ft. Pkt. 25c.



252 *Gaillardia, Goblin*. Pkt. 10c

ORDER BY NUMBER AND NAME

**258 HELIANTHEMUM mutabile.** *Rock-or Sun-Rose.* A very pretty perennial for the rockery, completely covered with masses of bloom from July to September. 1 ft. Choice mixed varieties. Pkt. 10c.

**259 HOLLYHOCK, Double.** Maroon, White, Yellow, Newport Pink, Crimson, and Mixed. Each, pkt. 10c.

**260 Single.** Choice colors, mixed. Each, pkt. 10c.

**261 HONESTY (Lunaria).** Hardy biennial, admired for its silvery seed-pods which are used for ornamental purposes. Beautiful and curious. 2 ft. Pkt. 10c.

**262 KUDZU VINE (Pueraria Thunbergiana).** A beautiful climber, remarkable for its great vigor of growth and its handsome purple flowers. Perfectly hardy, increasing in size and beauty year after year. Fine for arbors, verandas, etc. Pkt. 10c.

**263 LATHYRUS latifolius.** *Perennial Sweet Pea.* Showy, hardy climber fine for covering walls and stumps. Free flowering. Pink, Red, White, and Mixed. Each, pkt. 10c; oz. \$1.25.

**264 LUPINUS.** Hardy perennials of easy culture, with graceful spikes of pea-shaped flowers in May and June. 2 to 3 ft. Blue, Pink, White, and Mixed. Each, pkt. 10c.

**265 RUSSELL LUPINS.** Gorgeous colors in all shades of the rainbow. Flowers keep well when cut. Pkts. 25c and 50c.

**266 LAVENDER, Munstead Strain.** Deep lavender. 1 ft. Pkt. 10c.

**267 LYCHNIS chalcedonica.** *Maltese Cross.* Star-shaped scarlet flowers. 2 ft. Pkt. 10c.

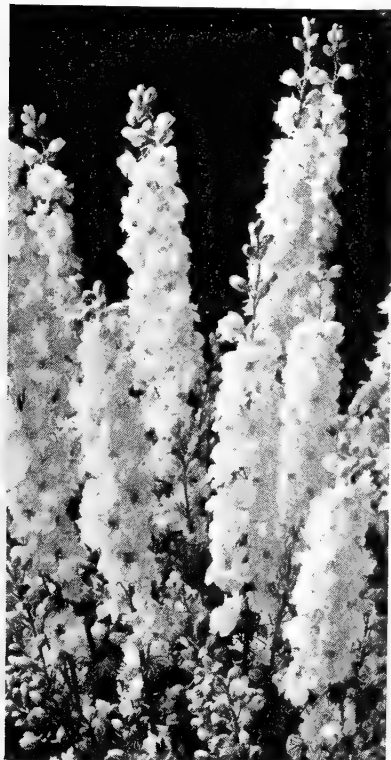
**LUNARIA.** See *Honesty*.

**MYOSOTIS.** *Forget-me-not.* Beautiful half-hardy perennials, succeeding best in moist, shady situations. Sown in the spring they will flower in the fall; if wanted for early spring flowering, seed should be sown in frames in July or August.

**268 Alpestris.** Plants of bushy habit, bearing bright royal blue flowers. Very fine. For rock-garden. 1 ft. Pkt. 25c.

**269 Grandiflora alba.** White. Pkt. 15c.

**269A Grandiflora rosea.** Pink. Pkt. 15c.



**244A Delphinium, Pacific Giants, Round Table Series.** Pkts. 25c and 50c

**270 NEPETA Mussini.** A favorite perennial. Blue-gray foliage. Pale mauve flowers. For rock-garden. 9 in. Pkt. 25c.

**271 OENOTHERA Lamarckiana.** *Evening-scented Primrose.* Yellow biennial. 3 ft. Pkt. 10c.

**272 PENTSTEMON grandiflora, Mixed.** A splendid mixture of flowering sorts in a good range of colors. Hardy. Pkt. 15c.

**273 POPPIES, Oriental.** Perfectly hardy plants with enormous flowers. 3 ft. Crimson-scarlet and Mixed. Each, pkt. 15c.

**274 Sunbeam.** Very fine. Pkt. 25c.

**275 Mrs. Perry.** Rich salmon-pink. Pkt. 25c.

**276 Iceland.** These dwarf, bright Poppies are most beautiful when grown in masses from seed sown every year. 1 ft. Pink, Salmon, Orange, Yellow, and Mixed. Each, pkt. 10c.

**277 PHYSOSTEGIA.** *False Dragonhead.* Very pretty, making dense bushes, bearing freely, delicate, tubular pink flowers. July, August. 3 to 4 ft. Pkt. 15c.

**278 PRIMULA veris, Hybrids.** *Cowslip Primrose.* Hardy Primroses are among the most prized of our spring-blooming plants. 1 to 1½ ft. Mixed colors. Pkt. 25c.

**279 Malacoides.** *Primrose.* Winter- and spring-blooming pot-plant. Pkts. 60c and \$1.00.

**280 PLATYCODON grandiflorum japonicum.** *Balloon-Flower.* Blue, bell-shaped flowers all season. 2 to 3 ft. Pkt. 15c.

**281 PYRETHRUM.** Handsome hardy perennial plants for the herbaceous border. Single Mixed. Pkt. 25c. Double Mixed. Pkt. 25c.

**282 Dark Red, Kelway Strain.** Pkt. 25c. Supply doubtful.

**283 PHLOX, HARDY.** For a gorgeous show these are the most satisfactory of all perennial plants. Mixed colors only. Pkt. 25c; ¼ oz. \$1.00.

**283A Rock-Garden Mixture.** All perennials. Choicest dwarf varieties. Pkt. 15c.

**284 RUDBECKIA purpurea.** *Showy Cone-flower.* One of the finest of autumn-flowering perennials, bearing large flowers made up of reddish purple petals surrounding a big black cone. Pkt. 10c.

**285 SALVIA, Cambridge Blue.** Produces spikes of sky-blue flowers during August and September. 3 to 4 ft. Pkt. 15c.

**286 STATICE latifolia.** *Sea-Lavender.* Splendid hardy perennials for either the border or rockery, producing, all summer, panicles of minute purplish blue flowers which can be dried and used for winter bouquets. 2 ft. Pkt. 10c.

**287 SAPONARIA ocymoides.** A splendid plant for the rockery. Rose-colored flowers. 9 in. Pkt. 10c.

**288 SCABIOSA.** One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water. 3 ft. Lavender, White, and Mixed. Each, pkt. 10c.

**289 Isaac House Strain.** An improvement on the above with larger flowers and longer stems. Color, from soft lavender to dark blue. Mixed. Pkt. 15c.

**290 STOKESIA laevis.** *Cornflower Aster.* Blooms all summer. Large, attractive, blue flowers, resembling asters. Fine cut-flow-ers. 2 ft. Pkt. 10c.

**Sweet Peas.** See No. 263.

**291 SWEET ROCKET (Hesperis).** Excellent for naturalizing among shrubbery or for planting in a permanent border. Purple, White or Mixed. 2 to 3 ft. Pkt. 10c.



**281 Pyrethrum, Single and Double Mixed** Pkt. 25c

**292 SWEET WILLIAM (Dianthus barbatus).** This is one of the finest of our hardy garden plants. Single Scarlet, Newport Pink, White, Auricula-eyed, Dark Crimson. Each, pkt. 15c. Double Mixed and Single Mixed, pkt. 10c; oz. \$1.00.

**293 Dwarf or Alpine.** A fine new strain of excellent dwarf type, most suitable for edging and rock-gardens. The flower-heads are very large and the color-range a selection of many bright and dark shades. 4 in. Pkt. 25c; large pkt. 75c; oz. \$4.50.

**293A. Single Dwarf Sweet William.** 6 in. Pkt. 15c; oz. \$2.50.

**294 TRITOMA hybrida.** *Red-Hot Poker; Flameflower; Torchlily.* Pkt. 15c.

**295 VALERIANA rubra.** *Garden Heliotrope.* Hardy perennial border plant. Large, fragrant flowers with odor resembling that of the heliotrope. 2 to 3 ft. Mixed, Red and White. Pkt. 10c.

**296 VERONICA.** *Speedwell.* Blue flowers. June, July. 1½ ft. Pkt. 10c.

**297 VIOLA cornuta.** *Tufted Pansy.* For rock-garden. All colors mixed. Pkt. 25c.

**298 Blue Gem (Jersey Gem).** Possess the dwarf habit and continuity of bloom of the Tufted Pansy, but is of more vigorous growth, making it one of the finest bedding varieties. Blooms rich violet, slightly perfumed. For rock-garden. No seed, crop failure.

**310A. Johnnie Jump-Ups.** See page 3.

**298A Sweet-Scented Violet. The Czar.** No seed. Crop failure.

**299 WALLFLOWER.** Favorite sweet-scented flowers of fine colors. Splendid for cutting and useful as spring bedders. Single, Mixed. Pkt. 10c. Double, Finest Mixed. Pkt. 25c.

**Siberian.** See No. 233.

## The Book of Perennials

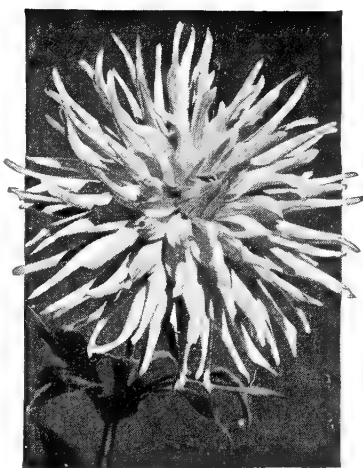
By Alfred C. Hottes

Tells how to grow successfully and enjoy over 145 genera of our most popular and durable of border plants. Lists of different perennials for different purposes and a condensed tabular list of over 500 species. Gives general principles of growing, using, selecting, propagating; discusses insect and disease troubles and remedies. 280 pages, 103 illustrations. Cloth \$2.50, postpaid \$2.65.

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All Flower Seeds sent postpaid.



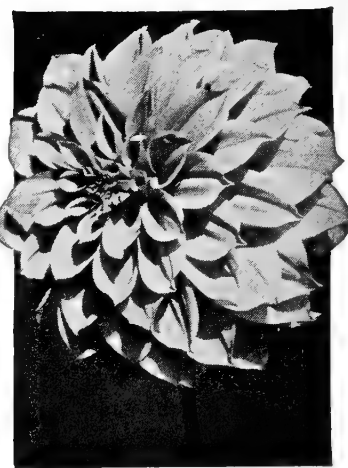
Decorative



Cactus



Pompon



Decorative

## SUPERB DAHLIAS

The Dahlias we are offering this year are of exceptional merit and have all proved to be prolific bloomers  
Each tuber is carefully and separately labeled

**CULTURE.** Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1. Spade or plow the soil 1 to 1½ feet deep; fertilize with Wizard Brand Manures and Hyper-Humus; scatter about ¼ pound of bonemeal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1, apply ¼ pound of commercial fertilizer to each plant and work in thoroughly.

For Parcel Post orders on Dahlias, add 5c to each; 25c for each dozen

### Large-Flowering Varieties

	Each
Cherokee Brave. ID. Oxblood-red.....	\$1 00
Clara Clemens. B. Red and white.....	75
Indian Summer. ID. Golden yellow, orange suffusion..	50
Jane Cowl. ID. Orange and buff.....	35
Jersey Beauty. FD. Pink.....	35
Jersey Dainty. SC. White.....	35
Kathleen Norris. ID. Large pink.....	1 00
Kentucky Dawn. ID. Salmon.....	50
Lois Walcher. FD. Purple and white.....	1 00
Maffie. SC. Carmine-red.....	1 50
Mme. C. Jussaint. IC. Soft violet.....	1 00
Mrs. Geo. LeBoutillier. ID. Red.....	50
Mrs. Wm. S. Knudsen. ID. White.....	50
Ogden Reid. ID. Large dark pink.....	1 50
Producer. ID. Yellow suffused, red.....	75
Purple Victory. ID. Large purple.....	1 50
Sunshine 3rd. D. Large Yellow. Outstanding.....	50
Victory. FD. Pink, very beautiful.....	1 00
White Christmas. ID. Pure white.....	75

### SPECIALS

The list of 19, one of each for \$14.00.

4 of the \$1.00 varieties for \$3.50.

The three \$1.50 varieties for \$4.25.

Three 50c varieties for \$1.25.

### THE MODERN FAMILY GARDEN BOOK

Special Edition  
by Roy E. Biles

128 pages of most useful information. Profusely illustrated. 50c, postpaid 55c.

C—Cactus; IC—Incurved Cactus; SC—Semi-Cactus; FD—Formal Decorative; ID—Informal Decorative; B—Ball. Miniature; MC—Cactus; MSC—Semi-Cactus; MFD—Formal Decorative; MID—Informal Decorative; MP—Miniature Peony.

### Miniatures (Supply doubtful)

	Each
Bishop of Llandaff. MP. Scarlet.....	\$0 35
Buckeye Babe. MFD. Orange and buff.....	35
Dad's Favorite. Collarette. Orange and yellow.....	75
Dubonnet. MSC. Oxblood-red.....	50
Fairy. MFD. Mallow-pink.....	35
Julia S. MC. Pink.....	50
Little Nemo. MFD. Red and white.....	50
Pink Lassie. MP. Rose-pink.....	75
Raleigh. MID. Salmon-rose.....	35
Snowsprite. MSC. White.....	50
Sylvia. MFD. Deep carmine.....	50
White Fawn. MFD. White.....	60

### SPECIALS

The list of 12, one of each for \$5.00

The four 35c varieties for \$1.25

The five 50c varieties for \$2.00

### Pompons (Supply doubtful)

	Each
Betty Anne. Rose-pink.....	\$0 25
Betty Malone. White and purple.....	75
Bob White. White.....	35
Edith Mueller. Apricot and red.....	25
Johnny. Maroon.....	50
Lemon Drop. Yellow.....	25
Little David. Russet-orange.....	25
Little Edith. Yellow tipped carmine.....	25
Minnie Mouse. Burgundy tipped white.....	50
Morning Mist. White tipped lavender.....	25
Reginald. Burgundy-red.....	35
Sherry. Violet-purple.....	35
Takas Purple. Purple.....	25
Yellow Gem. Canary-yellow.....	25

### SPECIALS

The list of 14, one of each for \$4.00

The eight 25c varieties for \$1.75



Jersey Beauty

# SUPERFINE GLADIOLUS

## Novelty Collection

**ABU HASSAN.** A fine dark violet-purple. Produces tall, strong upright spikes with as many as 8 to 10 flowers open at a time. Blooming period about 85 to 90 days from time of planting.

**YELLOW HERALD.** Amber-yellow with carmine in throat. Early. The large, wide-open flowers are beautifully faced and spaced on a strong, upright stem.

Prices on above two, 20c each; \$2.25 per doz.; \$16.00 per 100. 50 at 100 rate.

**BADGER BEAUTY.** A beautiful lavender with a creamy white throat. Does not fleck nor does it produce short flowerheads. Blooming period about 85 to 90 days. Medium-size blooms.

**SWEET SEVENTEEN.** Soft peach-rose with a green-yellow sheen in throat. The large blooms are wide open, beautifully waved and more or less flat, closely attached to the stem. The spikes are strong, thin and long. It is a healthy grower and a good increaser. An unusual, elegant-formed Glad; outstanding for beauty.

**STOPLIGHT.** Brilliant clear medium red of fine texture. The lightly ruffled blooms are flat, wide open, and well placed. Tall spikes with from 5 to 7 open blooms. Blooming period about 85 to 90 days from time of planting.

**LEADING LADY.** A cream sport of Picardy. A beautiful cream-white with canary-yellow throat. Spike, flower and habits identical with Picardy. Blooming period about 85 to 90 days from time of planting.

**NOVELTY COLLECTION:** Mixture of 6 above, 15c each; 2 of each (12 bulbs), \$1.50; \$12.00 per 100. 50 at 100 rate.

Bulbs kept separately, same price, except Abu Hassan and Leading Lady, see price above.



Gladiolus, Oregon Gold

**Our Bulbs Are 1½ Inches and Up**  
If to be sent by Parcel Post, add postage at 5c per doz.; 25c per 100

Our list comprises the best of recent introductions as well as the most popular of the standard varieties. Plant bulbs 4 inches deep and 6 inches apart.

## Giant-flowering Mixed Gladiolus

Composed of all named varieties in gorgeous blending

75c per doz.; \$5.00 per 100. 50 at 100 rate

## Gladiolus Collection No. 1

**Blue Beauty.** Giant blue; large, wide-open blooms. Strong grower.

**Corona.** Very light pink, picotee edged.

**Dr. Hoeg.** A fine velvety maroon.

**Ethel Cave Cole.** Florets of pure pale pink.

**Margaret Beaton.** Ivory-white with small scarlet blotch. Tall, well-formed spike with 6 to 8 well-placed blooms.

**Minuet.** Considered the best lavender; six blooms generally open at once. Strong spike and heavy foliage. A great exhibition sort.

**New Europe.** Vivid garnet-red with a small purple stripe in the throat.

**Oregon Gold.** Perfectly formed, ruffled light yellow flowers.

**Picardy.** Clear flesh-pink, quite unmarked, shading to soft shrimp-pink at the petal edges. Flowers are often 6 inches or more across, and as many as ten open in full glory at one time on the tall, straight spikes.

**Rocket.** Rich scarlet-red 7 to 8 medium large perfectly placed florets on a long spike. Excellent commercial.

**Vagabond Prince.** Very attractive. Brown-red blotch.

**Vredenburg.** Fine spikes, straight and strong. Considered the largest pure white variety of good substance.

**COLLECTION NO. 1:** 15c each. One of each (12 varieties), \$1.25; \$9.00 per 100. 50 at 100 rate.

Bulbs kept separately, same price

## Gladiolus Collection No. 2

**Beacon.** Clear bright rose-scarlet with large cream blotch. Extremely showy. Opens 8 to 10 medium large, somewhat ruffled blooms on a tall, straight, willowy spike.

**Beautiful Dream.** Large; deep pink, creamy yellow throat.

**Bit o' Heaven.** Rich orange. Very tall.

**Charmaine.** Deep rose-pink with dark blotch.

**Dream of Beauty.** A rosy purplish red (deep wine color) of great beauty.

**Gold Dust.** Early; deep yellow.

**King Arthur.** Extra-large, deep lavender flowers on long stems, 8 to 12 open at one time.

**Phyllis McQuiston.** Large, pale pink.

**Rosa van Lima.** One of the finest bright light rose-pink Gladiolus ever offered; has a harmonizing small spot of deeper orchid-violet. A real apple-blossom-pink. Many florets open at one time on tall, straight spike.

**Snow Princess.** Pure white and much in demand.

**Van Tienhoven.** Brilliant red; large spikes.

**Wanda.** Sport of Picardy and one of the best creamy whites on the market. Large flowers on tall spikes.

**COLLECTION NO. 2:** 10c each. One of each (12 varieties), \$1.00; \$7.50 per 100. 50 at 100 rate.

Bulbs kept separately, same price



Fancy-leaved Caladium

## MISCELLANEOUS BULBS

### Caladium • Elephant's-Ear

As centerpieces in flower-beds, Caladiums answer well. Monster bulbs, 30c each; \$3.00 per doz. If to be sent postpaid, add 5c each; 25c per doz.

### Fancy-leaved Caladiums

Will do well outdoors in the open as well as in pots in a half-shaded exposure, with plenty of moisture and rich humus-containing soil. Culture same as Begonias.

**Ten Outstanding Varieties.** Can be supplied in separate colors or mixed. 30c each; \$3.00 per doz. If to be sent postpaid, add 2c each; 10c per doz.

### Begonias, Tuberous-rooted

Enormous, waxlike flowers appear uninterruptedly from June until frost. Start indoors in March, and transfer when frosts are over.

We are offering single and double varieties in Crimson, Pink, Yellow, Scarlet, White, Salmon, and Mixed. 1½ to 2-in. bulbs, 20c each; \$2.25 per doz. If to be sent postpaid, add 2c each; 25c per doz.

### Superfine Canna Bulbs

CULTURE. Canna tubers should not be put into the ground until the soil has become warm. Start indoors middle of March. They commence blooming in June and continue until frost.

### GREEN FOLIAGE VARIETIES

**Indiana.** Orange flowers, green foliage. 4 ft.

**Louisiana.** Red flowers, green foliage. 4 ft.

**Allemania.** Bright scarlet with yellow border, green foliage. 4 ft.

**The President.** This splendid variety produces immense flowers of a rich, glowing scarlet. Green foliage. 3½ ft.

**Yellow King Humbert.** A sport from King Humbert and a majestic variety with massive foliage. Flowers golden yellow, dotted red. Green foliage. 4½ ft.

Cannas continued on page 38





Superfine Cannas

### CANNAS, continued

#### BRONZE FOLIAGE VARIETIES

**King Humbert.** Coppery scarlet flower and broad, deep bronze foliage. 4 ft.

**Shenandoah.** Salmon-pink.

**Wyoming.** Orange.

All Cannas, 15c each; \$1.50 per doz.; \$11.00 per 100

For postage, add 10c per doz.; 25c per 100

CANNA PLANTS in season, market price.

### Gloxinia

These showy plants are easily grown in pots and can be transferred to a shady location in the garden after all danger of frost is past.

**Emperor Frederick.** Scarlet with white margin.

**Emperor William.** Deep violet, margined white.

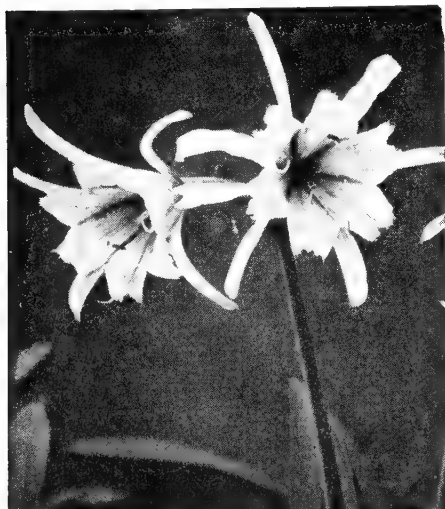
**Etoile de Feu.** Brilliant red; compact growth.

**Mont Blanc.** Clear glistening white. 40 cts. each; \$4.50 per doz. Order early; February delivery

### Hyacinthus candicans

#### Cape Hyacinth

A strong-growing, summer-flowering variety of Hyacinth quite distinct from those which bloom in the spring. Makes a strong stately flower-spike, 3 to 5 feet high, which bears from 20 to 30 pure white, bell-shaped blooms during the summer and early fall. It is hardy here. 10c each; \$1.00 per doz.



Peruvian Daffodil

### Madeira Vine

Heart-shaped leaves and feathery flowers with delicious fragrance. Here is what you want if a quick growth is desired. Hardy in this latitude if protected with litter. Roots, 10c each; 3 for 25c. If to be sent postpaid, add 2c each; 10c per doz.

### Montbretias

These are one of the brightest and most attractive of summer-flowering bulbs and should be planted extensively. Set out in the early spring, in clumps of a dozen or more, placing the bulbs 3 to 6 inches apart. They should be protected during the winter with a heavy covering of leaves or litter.

**Fire King.** Fiery red.

**Queen Alexandra.** Orange-red.

\$1.00 per doz.; \$8.00 per 100. 50 at 100 rate.

If to be sent postpaid, add 5c per doz.; 20c per 100



Montbretias

### Oxalis

Valuable for edging. Blooms all summer.

**Dreppei alba.** White flowers. Beautiful cut foliage. Hardy perennial. Mammoth bulbs, 35c per doz.; \$2.50 per 100. If to be sent postpaid, add 5c per doz.; 20c per 100.

### Peruvian Daffodil

#### Ismene calathina

A grand summer-flowering bulb with large, amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place and plant out in June. Take up in October, rest a few weeks, and then pot for winter flowering in the house. 30c each; \$3.25 per doz. If to be sent postpaid, add 5c each; 20c per doz.

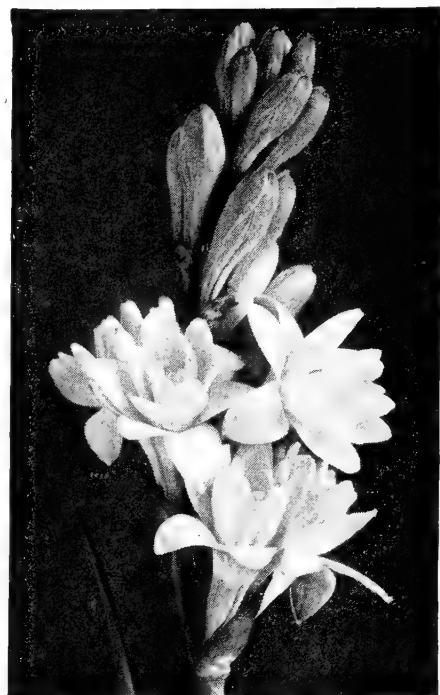
### Tigridia • Shellflower

Mexican bulbs producing showy, large, oddly shaped blooms of exotic beauty. Well suited to planting in the mixed border. Handle the same as gladiolus. Blooms all summer long. 1½ ft. 20c each; 3 for 50c; \$1.75 per doz.

### THE BOOK OF ANNUALS

*By Alfred C. Hottes*

Over 100 genera described with full directions for their care, culture and use. Lists of different annuals for different purposes and a condensed tabular cultural list. 172 pages, 122 illustrations. Cloth \$2.00, postpaid \$2.10.



Double Pearl Tuberose

### Tuberoses

**CULTURE.** One of the most fragrant and popular of the summer-flowering bulbs. May be started early in hotbeds or pots or planted in open ground after May 1.

**Albino (Mexican).** Single. 4 for 35c; \$1.00 per doz.; 25 for \$1.75; \$6.25 per 100.

**Double Pearl.** Most popular. Giant bulbs, 4 for 90c; \$2.50 per doz.; 25 for \$4.25; \$16.50 per 100. No. 1 bulbs, 4 for 60c; \$1.75 per doz.; 25 for \$3.00; \$11.50 per 100.

If to be sent postpaid, add 10c per doz.; 25c per 100

### MAY—Plant Outdoors

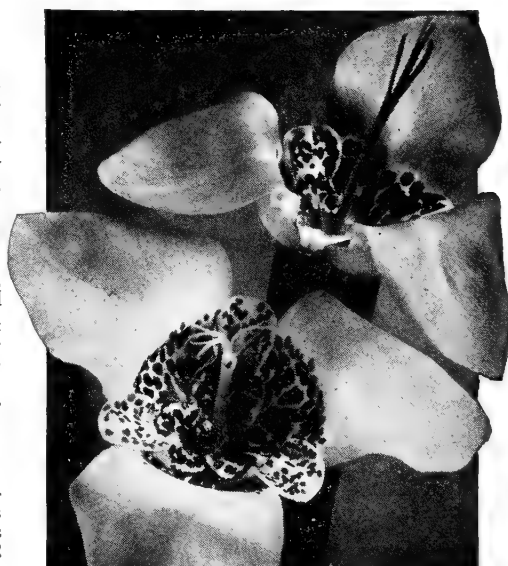
Begonias	Caladiums	Montbretias
Cannas	Dahlias	Gladiolus
Tuberoses	All potted plants	

### SEPTEMBER, OCTOBER AND NOVEMBER

Hyacinths	Tulips	Narcissus	Lilies
Jonquils	Crocus	Peonies	

In fact, all spring-flowering bulbs

List in season, on request



Tigridia (Shellflower)

# FOR A BRIGHTER GARDEN: PLANT ROSES!

No Orders Accepted After April 1. ORDER EARLY. Roses Are Scarce. All Prices Postpaid. Subject to Sales Tax

## Monthly Roses

### New Patented Varieties

- Charlotte Armstrong.** Pat. 455. Blood-red; large and fragrant. \$1.50 each; 3 for \$4.00.
- Crimson Glory.** Pat. 105. Deep velvety crimson. The finest red Rose. \$1.50 each; 3 for \$4.00.
- Eclipse.** Pat. 172. Rich gold; lovely long buds. \$1.35 each; 3 for \$3.50.
- Good News.** Pat. 426. Coppery pink; unusually good stems. \$1.50 each; 3 for \$4.00.
- Grande Duchesse Charlotte.** Pat. pending. Lovely burnt carmine; well-formed buds and blooms. \$1.50 each; 3 for \$4.00.
- Heart's Desire.** Pat. 501. Scarlet; unusually fragrant. \$1.50 each; 3 for \$4.00.
- Mirandy.** Pat. 632. Large, very double, rich maroon-red blooms freely borne. Long-lasting in bouquets. Best in cool weather. \$1.50 each; 3 for \$4.00.
- Peace.** Pat. 591. This Rose has attracted nationwide attention both for its beauty and for the fact that it was offered to the delegates at the San Francisco Conference as a symbol of the peace the world is hoping for. In color it is golden yellow with each petal edged pink. As it ages, the golden color becomes ivory and the pink suffuses the whole bloom. Large, well-formed flowers and a very vigorous plant. Fine for cutting. \$2.00 each; 3 for \$5.00.
- Show Girl.** Pat. 646. Rich pink; semi-double, cupped form. \$1.50 each; 3 for \$4.00.

### OFFER A. 3 Newer Roses

- |                              |        |
|------------------------------|--------|
| 1 Mirandy. Deep crimson..... | \$1 50 |
| 1 Peace. Creamy yellow.....  | 2 00   |
| 1 Show Girl. Rich pink.....  | 1 50   |
| 3 @                          | \$5 00 |

The 3 for \$4.35

## Hybrid Teas (Monthly Bloomers)

### Yellow and Red

- Condesa de Sagato.** Bicolor. Yellow and Red. \$1.15 each; 3 for \$3.00.
- Editor McFarland.** Deep pink. \$1.15 each; 3 for \$3.00.
- Etoile de Hollande.** Crimson. \$1.15 each; 3 for \$3.00.
- K. A. Viktoria.** White. \$1.15 each; 3 for \$3.00.
- Lowell Thomas.** Pat. 595. Lemon-yellow. \$1.50 each; 3 for \$4.00.
- Margaret McGredy.** Orange-scarlet. \$1.15 each; 3 for \$3.00.
- Mrs. E. P. Thom.** Clear yellow. \$1.15 each; 3 for \$3.00.
- Poinsettia.** Poinsettia-scarlet. \$1.15 each; 3 for \$3.00.
- Pres. Herbert Hoover.** Multi-color. Scarlet and yellow and cerise. \$1.15 each; 3 for \$3.00.
- Radiance.** Two-toned, rose-pink. \$1.15 each; 3 for \$3.00.
- Red Radiance.** Raspberry-red. \$1.15 each; 3 for \$3.00.
- Soeur Therese.** Buttercup yellow. \$1.15 each; 3 for \$3.00.
- Talisman.** Multi-color, orange, yellow and red. \$1.15 each; 3 for \$3.00.
- The Doctor.** Satiny pink. \$1.15 each; 3 for \$3.00.

### OFFER B. 6 Fine Standard Roses

- |   |        |
|---|--------|
| 1 Condesa de Sagato. Yellow and red....             | \$1 15 |
| 1 K. A. Viktoria. White.....                        | 1 15   |
| 1 Mrs. E. P. Thom. Yellow.....                      | 1 15   |
| 1 Poinsettia. Scarlet.....                          | 1 15   |
| 1 President Hoover. Scarlet, yellow and cerise..... | 1 15   |
| 1 The Doctor. Satin pink.....                       | 1 15   |
| 6 @   | \$1.15 |
|   | \$6 90 |

The 6 for \$6.25

## Floribunda or Polyantha

- Betty Prior.** Pat. 340. Lively red buds opening to large single blooms of lovely pink. \$1.15 each; 3 for \$3.00.
- Donald Prior.** Pat. 377. Sparkling red. \$1.15 each; 3 for \$3.00.
- Floradora.** Vivid cinnabar. \$1.25 each; 3 for \$3.35.
- Gross an Aachen.** A low, bushy plant bearing double, creamy pink or white flowers. \$1.15 each; 3 for \$3.00.
- Red Ripples.** Christmas red. \$1.25 each; 3 for \$3.35.

## Climbing and Pillar Roses

- Blaze.** Pat. 10. The everblooming Paul's Scarlet, with masses of scarlet blooms. \$1.50 each; 3 for \$4.00.
- Climbing American Beauty.** Deep rose-pink; large double flowers. \$1.15 each; 3 for \$3.00.
- Doublons.** Pat. 152. Saffron-yellow; large flowers. \$1.50 each; 3 for \$4.00.
- Dr. W. Van Fleet.** Flesh-pink; early bloomer. \$1.15 each; 3 for \$3.00.
- King Midas.** Pat. 586. Large double flowers, golden yellow flushed red. A beautiful new climber. \$1.50 each; 3 for \$4.00.
- Mary Wallace.** Rose-pink. \$1.15 each; 3 for \$3.00.
- Paul's Scarlet.** The popular scarlet climber. \$1.15 each; 3 for \$3.00.
- Silver Moon.** White. \$1.15 each; 3 for \$3.00.
- Talisman Climber.** Multicolored. \$1.50 each; 3 for \$4.00.

### OFFER C. 4 Old Stand Bys

- |   |        |
|---|--------|
| 1 Radiance. Pink.....                   | \$1 15 |
| 1 Red Radiance.....                     | 1 15   |
| 1 Soeur Therese. Yellow.....            | 1 15   |
| 1 Talisman. Orange, yellow and red..... | 1 15   |
| 4 @                                     | \$1.15 |
|   | \$4 60 |

The 4 for \$4.25

# Hardy Chrysanthemums FOR GLORIOUS COLORFUL FALL FLOWERS

## 8 Chrysanthemums, \$3.35

50c each

- Unusal value.** Large-flowering, hardy outdoor types.
- Avalanche.** Extra large, densely double, outstanding white. Early September.
- Betty.** Midseason. Long-stemmed plants with enchanting double blooms of apple-blossom-pink.
- King Midas.** Bronzy gold. Large, double blooms are produced in quantity on sturdy, 2½-foot plants. A long season of bloom from September on.
- Lavender Lady.** A faultless plant with large, double, lavender flowers. Delightfully beautiful and most popular, as it deserves to be. 2½ feet. Late September.
- Mrs. Pierre S. du Pont III.** A lovely blend of peach-pink, rosy salmon and fawn. A glorious cut-flower. Height 2½ feet. Early October.
- Red Velvet.** Velvety crimson. Holds its color well. Shapely, full, double flowers on an erect, clean-growing plant. 2 feet. Early October.
- Symphony.** Mauve-rose blended with coppery pink and lavender. Another blend of art tints but strikingly different. 2½ feet. Early October.
- The Chief.** Brilliant, clear scarlet and gold in a richly beautiful combination. Semi-double flowers, with each red petal tipped with gold. 2½ feet. October.

OFFER 48. The 8 for \$3.35

## A Garden of Chrysanthemums

25 All different, All named, for \$8.25

For a brilliant, colorful fall show in your garden and abundant blooms indoors. We send assorted kinds and colors. No two alike.

OFFER A. 25 for \$8.25

## 4 Single-Flowered Kinds

- Like colorful long-stemmed daisies, they are excellent both in the garden and for cut-flowers.
- Elsie.** Midseason. Large (3½-inch), single blooms of buttercup-yellow that look like glorified daisies.
- Eric the Red.** Scarlet, profuse bloomer.
- Pink Charm.** Glowing pink.
- Sensation.** Red with gold center.

OFFER 42. The 5 for \$1.75; 50c each

## Spoon Chrysanthemums

This unique new type has proved exceedingly popular. All are charming and very free in bloom. The long petals are quilled almost to the tips, which open like little spoons.

- Red Spoon.**
- White Spoon.** Lovely large white.
- Yellow Spoon.** Bright yellow.

OFFER 43. The 3 for \$1.25; 50c each

## Cushion Chrysanthemums

- Champion Cushion.** Red with bronze shading. Very free in bloom.
- September Bronze.**
- September Cloud.** White.
- September Gold.** Golden pompons.

OFFER 45. The 4 for \$1.75; 50c each

## Pompons for Cutting

- Goblin.** Golden bronze.
- Harbor Lights.** Delightfully bright yellow.
- Irene.** Clear white pompon.
- Nuggets.** Yellow.
- Ruby.** Quantities of rich ruby-crimson pompon blooms on well-branched, 2½-foot plants in early October.

OFFER 46. The 5 for \$2.00; 50c each

## 12 Chrysanthemums, \$4.75

- |               |                   |
|---------------|-------------------|
| Avalanche     | Mrs. H. E. Kidder |
| Elsie         | Pink Radiance     |
| Glowing Spoon | Red Velvet        |
| Harbor Lights | September Gold    |
| King Midas    | Symphony          |
| Magnolia      | Yellow Spoon      |

## 6 Newer Kinds

- Barbara Small.** New. Rose-pink. The double, 3-inch flowers are a delightful clear rose-pink with the margins a slightly lighter tint of the same lovely color. It comes into bloom early in September and continues for a long season.
- Bokhara.** Soft crimson and wine shades, fully double. Early October.
- Glowing Spoon.** Dark bronze buds open to 3-inch, glowing bronze, spoon-shaped flowers which radiate from a cushion center of clear yellow. Healthy, vigorous plants. An outstanding novelty.
- Magnolia.** The very double, high-centered, 4-inch blooms are soft tints of pink in the opening flower, later shading to creamy pink with diffused soft yellow overtones—a lovely color blend.
- Pink Radiance.** Luminous pink blooms 3 inches or more across cover 2½-foot plants from late September till frost.
- White Wonder.** White pompon, free bloomer, late September.

OFFER 40. The 6 for \$2.95; 60c each

## Large-Flowered Kinds

- Four greenhouse types—large flowering Chrysanthemums, suitable for outdoor planting for late October blooms from Maryland southward.
- Hilda Bergen.** Dark bronze.
- Mrs. H. E. Kidder.** Yellow.
- October Rose.** Lavender.
- Silver Sheen.** White.

OFFER 41. The 4 for \$1.75; 50c each

# NURSERY DEPARTMENT

MOST DELIVERIES LATTER PART OF MARCH-  
APRIL AND NOVEMBER

ATTENTION: While every precaution is taken to deliver good stock, no guarantee can be made because we have no control over the method of planting or the care given the plants after they are planted.

All prices, except where noted, F.O.B.  
Baltimore

ORNAMENTAL PLANTS, SUBJECT TO  
MARYLAND SALES TAX

## Hardy Evergreen Flowering Shrubs

- Abelia grandiflora.** Glossy Abelia. Glistening foliage on a low-growing shrub; small pink-tinged flowers. 2 to 3 ft., B&B, \$3.75 each.
- Azalea Hinodegiri.** Dense clusters of bright fiery red flowers. 8 to 10 in., B&B, \$2.75 each; 10 to 12 in., B&B, \$3.00.
- Berberis Chenaulti.** Chenault's Barberry. Glossy green foliage, glaucous underneath. Compact in growth. 18 to 24 in., B&B, \$3.75 each.
- B. Julianae.** Wintergreen Barberry. Dense, dark green, very thorny. Hardy and strong growing. Bluish black fruit. 18 to 24 in., B&B, \$3.75 each.
- Pachysandra.** An evergreen trailing plant with glossy foliage, forming a dense mat. One of the finest ground-covers. Strong plants, from 2¼-in. pots. 10 for \$3.00.
- Periwinkle.** Trailing Myrtle. An excellent dwarf evergreen trailing plant. Used for covering the ground under shrubs or on graves. Will grow in dense shade. Strong plants from 3-in. pots. 10 for \$3.25.
- Pyracantha coccinea.** Firethorn. White flowers in late spring, followed by brilliant orange-scarlet berries, lasting into the winter. 15 to 18 in., B&B, \$3.75 each.
- Rhododendron Catawbiense.** Rose-purple blooms. 18 to 24 in., B&B, \$7.00 each.
- R., Rosebay.** White to rose tinted. 18 to 24 in., \$6.00 each.

## Hardy Deciduous Flowering Shrubs

Prices quoted are for bare roots

- Almond, Double-flowering, Pink.** 2 to 3 ft., \$1.50 each.
- Althea.** Rose-of-Sharon. Double; white, red and purple. 3 to 4 ft. \$1.25 each.
- Bridal Wreath (Spiraea).** 2 to 3 ft., \$1.00 each.
- Butterfly-Bush (Buddleia).** Purple and white, lavender-pink, or rosy purple. 2 to 3 ft., \$1.00 each.



Weigela

No plants sent C. O. D.

- Coralberry (Symphoricarpos vulgaris).** Slender, arching shrub bearing bunches of bright coral-pink berries which hang on almost all winter. 2 to 3 ft., 1.00 each.
- Flowering Quince (Cydonia japonica).** Bright red flowers in early spring. Greenish yellow fruit. 2 to 3 ft., \$1.25 each.
- Deutzia scabra.** Pink or white. 2 to 3 ft., \$1.25 each.
- Golden Bell (Forsythia), Fortune's.** 2 to 3 ft., \$1.00 each.
- Honeysuckle, Morrow (Lonicera Morrowi).** Tiny, deliciously scented waxen flowers in early spring before leaves unfold. Profusion of bright red berries in early autumn. 2 to 3 ft., \$1.00 each. (Many others can be furnished; state kind wanted.)
- Hydrangea, Peegee.** 2 to 3 ft. \$1.25 each.
- H., Blue or Pink.** Hardy plants. \$2.75 each.
- Lilac, Common Purple.** 2 to 3 ft., \$1.25 each.
- L., Common White.** 18 to 24 in., \$1.50 each.
- L., French, Single.** White, Violet, Purple. 2 to 3 ft., \$1.75 each.
- L., French, Double.** Red, Purple, Violet. 2 to 3 ft., \$1.75 each.
- Mock-Orange, Philadelphus.** 3 to 4 ft., \$1.25 each.
- Snowball, Common (Viburnum opulus sterile).** 3 to 4 ft., \$1.25 each.
- Snowberry (Symphoricarpos racemosus).** Tiny pink flowers in June followed in the autumn with a profusion of snow-white berries. 3 to 4 ft., \$1.25 each.
- Spiraea, Anthony Waterer.** 18 to 24 in., \$1.25 each.
- Sweet-Scented Shrub (Calycanthus).** 3 to 4 ft., \$1.50.
- Weigela.** One of the most conspicuous shrubs cultivated. Flowers either crimson, pink or variegated. 2 to 3 ft., \$1.25 each.

## The Book of Shrubs

By Alfred C. Hottes

448 pages; 190 illustrations. \$3.50, postpaid \$3.65.

## Flowering Trees

- Dogwood, White.** 4 to 5 ft., B&B, \$6.00 each.
- D., Red.** 3 to 4 ft., B&B, \$6.00 each.
- Redbud, American.** 4 to 5 ft., bare roots, \$3.50 each.
- R., Chinese.** 3 to 4 ft., bare roots, \$4.00 ea.

## Shade Trees

Bare roots unless otherwise specified

- Elm, American.** 6 to 8 ft., \$4.00 each.
- Maple, Norway.** 8 to 10 ft., 1¼ to 1½-in. caliper, \$5.50 each.
- M., Red.** 6 to 8 ft., \$5.50 each.
- M., Silver.** 6 to 8 ft., 1 to 1½-in. caliper, \$4.00 each.
- M., Sugar.** 8 to 10 ft., 1 to 1¼-in. caliper, \$6.00 each.
- Plane, Oriental.** 8 to 10 ft., 1¼ to 1½-in. caliper, \$5.00 each.
- Willow, Weeping, Wisconsin.** 6 to 8 ft., \$5.00 each.

Many other kinds; prices on application

## Hedges

- Red Barberry.** 12 to 15 in., 75c each; \$6.00 for 10. 15 to 18 in., 90c each; \$7.00 for 10. 18 to 24 in., \$1.00 each; \$9.00 for 10.
- Green Barberry.** 12 to 15 in., 50c each; \$4.00 for 10. 15 to 18 in., 60c each; \$5.00 for 10.
- California Privet.** 1 to 1½ ft., 2-yr. \$2.25 for 10. 1½ to 2 ft., 2-yr., \$2.75 for 10.

## The Book of Trees

By Alfred C. Hottes

All about trees. 488 pages. \$3.50, postpaid \$3.65.



Wisteria

## Vines

- Boston Ivy.** Clings to smoothest surfaces. Strong plants, 2-yr. No. 1, 3-in pots, \$1.25 each.
- English Ivy (Hedera Helix).** Hardy. 2¼-in. pots, 35c each; \$3.00 for 10.
- Clematis, Large-flowering. Red, Blue, and White.** \$1.75 each, postpaid \$1.85.
- C. paniculata.** Creamy white, very fragrant. 3-yr., \$1.25 each, postpaid \$1.35.
- Wisteria floribunda.** Vigorous, strong-growing vine. Purple flowers. 3-yr., \$1.50 each.

## Water-Lilies

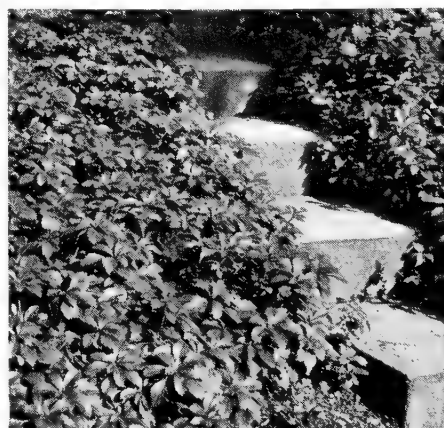
The hardy Water-Lilies are suitable for either artificial pools or natural ponds. Good soil must be provided and only moderately deep water over the soil—8 to 12 inches is ideal. Strong roots are available after May 1.

**Unnamed Hardy Varieties.** Very good sorts. White and Pink. \$1.50 each.

## How to Landscape Your Grounds

By Loyal R. Johnson

232 pages; 147 illustrations. \$3.00, postpaid \$3.15.



Pachysandra

## Perennial Plants for Border and Bed

If to be sent by parcel post, add 9c to one plant, 11c to 3 plants, 12c to 6 plants, 13c to 12 plants. Plants not sent beyond 2d Zone.

**Aster.** Lavender, Pink, White. August to October. 4 to 5 ft.  
**Babys-Breath** (*Gypsophila*). White. June, July. 2 ft. 75c each; 3 for \$2.15.  
**Beard-Tongue** (*Pentstemon*). Pink, Blue, Red. Summer. 2 to 3 ft.  
**Bergamot.** Many pretty shades. July. 2 to 3 ft.  
**Bleeding-Heart** (*Dicentra spectabilis*). May, June. 2 ft. 75c each; 3 for \$2.15.  
**Canterbury Bells.** Pink, Blue or White. June. 2 ft.  
**Carnation.** Large scarlet-red flowers. 1 ft.  
**Columbine** (*Aquilegia*). Various colors. May, June. 2 ft.  
**Coral-Bells** (*Heuchera*). Red. June to September. 1 to 1½ ft.  
**Coreopsis.** Yellow. July, August. 2½ ft.  
**Day-Lily** (*Heemerocallis*). Yellow. May. 2 to 3 ft.  
**Delphinium, Belladonna and Bellamosum.** June to October. 3 to 4 ft.  
**D., Pacific Hybrids.** 60c each; 3 for \$1.50; \$5.50 per doz.  
**Flax** (*Linum*). Light blue. May to August. 1½ ft.  
**Foxglove** (*Digitalis*). Yellow, White, Pink, Purple. June, July. 2 to 3 ft.  
**Gaillardia.** Yellow and Red. May to October. 1½ ft.  
**Gayfeather** (*Liatris*). Purple. Summer. 4 to 5 ft.  
**Geum.** Red and Yellow. June to September. 1½ ft. 60c each; 3 for \$1.50.  
**Hollyhock.** Double: Pink, White, Yellow, Red. Also Single Mixed. July, August. 5 to 6 ft.  
**Iris, German.** Various colors. May, June. 2 to 3½ ft.  
**I., Oriental.** Various colors. July. 2 ft. 60c each; 3 for \$1.50.  
**Lupins.** Pink, Blue, White. 3 ft.  
**Marguerite** (*Antemis*). Bright yellow. All summer. 2 ft.  
**Peony.** Pink, White, Red. May to June. 2 to 3 ft. \$1.00 each.  
**Perennial Pea** (*Lathyrus*). White, Crimson-pink. June to September. 4 to 8 ft.  
**Phlox.** Various colors. July, August. 2 to 3 ft.  
**Pinks** (*Dianthus*). Double and Single. Pink, White, Red. All season. 1 ft.  
**Poppy, Oriental.** Red, Pink. May, June. 3 ft.  
**Pyrethrum, Pink or Red.** 60c each; 3 for \$1.50.  
**P., Mixed.** 2½ ft.  
**Rudbeckia Newmani.** Black-eyed Susan. Purple or white. All summer. 3 ft. 60c each; 3 for \$1.50.  
**Sage** (*Salvia*). Light or dark blue. September, October. 3 to 4 ft.  
**Scabiosa caucasica.** 2 ft. 60c each; 3 for \$1.50.  
**Shasta Daisy.** Large; white. June, July. 2 ft.  
**Stokesia.** Blue. July, August. 1½ ft. 60c each; 3 for \$1.50.  
**Sweet William.** Various colors. June. 2 ft.  
**Tritoma.** Orange-red. August. 2 to 3 ft.  
**Veronica.** Blue. June, July. 1½ ft.  
**Yarrow** (*Achillea*). White. June to August. 2½ ft.

Many other varieties can be furnished

## ALL PERENNIAL PLANTS unless otherwise noted

3 of one kind \$1.25; 6 of one kind \$2.25; 12 of one kind \$4.25. Single plants, 50c each.

We urge our customers to buy 3 of a kind for \$1.25. They will make a better showing and it is much easier for the nurseryman to fill the orders, on account of labor shortage.

## Perennial Rock-Garden Plants

**Alyssum.** Yellow. April, May. 1 ft.  
**Anemone.** Various colors. April, also autumn-flowering. 1 ft.  
**Bugle-Flower** (*Ajuga*). Blue or Purple. May, June. 6 in.  
**Campanula carpatica.** Carpathian Bell-flower. Blue or White. June to October. 8 in.  
**Candytuft** (*Iberis*). White. May, June. 8 to 12 in.  
**Cowslip** (*Primula veris*). Various colors. April, May. 6 to 8 in.  
**Dianthus.** Pinks. Pink, Red, White. May, June.  
**Forget-Me-Not** (*Myosotis*). Blue. May to October. 6 in.  
**Globe-Flower** (*Trollius*). Various shades of orange and yellow. May to July. 1½ to 2 ft. 75c each.  
**Phlox divaricata.** Blue. May, June. 1 ft.  
**P. subulata.** Moss Pink. White, Lilac, Pink, Blue. April, May. 4 in.  
**Rock-Cress** (*Arabis*). White, Pink. April, May. 8 in.  
**Sedum.** Pink, Red. October. 2 to 3 in.  
**Sweet Lavender.** July to September. 18 to 20 in.  
**Thrift** (*Armeria*). Various colors. May, June. 1 to 1½ ft.  
**Veronica.** Blue. July, August. 1 ft.  
**Viola.** Tufted Pansy. Blue, White, Yellow. All summer. 5 in.  
**Sweet Violet, Double Russian.**  
 For prices see bottom of first column.

## Fruit Trees and Small Fruits

All prices, except where noted, F.O.B. Baltimore

### APPLES

**Delicious.** Red. Midseason.  
**Delicious Yellow.** Early.  
**Red Rome Beauty.** Late.  
**Smokehouse.** Yellow, studded red. Autumn.  
**Double Red Stayman.**  
**Stayman.** Red. Late.  
**Winesap.** Red; sweet. Late.  
**Yellow Transparent.** Early.  
**York Imperial.** Large; red to yellow. Late.  
**Crab, Hyslop.** Crimson.  
**Crab, Red Siberian.**  
 Any of the above, extra strong, 5 to 6-ft. trees, \$1.75 each; \$15.00 for 10

**Quintuplet Apple.** Bears five leading varieties on one tree, ripening in succession. Requires only a 25-foot space when fully grown. 1¼ to 1-in. cal. \$5.00 each.

### APRICOTS

**Early Golden** **Moorpark**  
 5 to 6-ft. trees, \$3.00 each

### PEACHES

**Belle of Georgia.** White. August.  
**Carman.** White. Early.  
**Elberta.** Yellow. September 1.  
**Hale.** Yellow. Late August.  
**Rochester.** Yellow. July 15.  
**White Heath.** White cling. September 15.  
 Any of the above, strong 5 to 6-ft. trees, \$1.75 each; \$15.00 for 10

### PLUMS

**Abundance.** Red; yellow flesh.  
**Burbank.** Large, juicy, violet-red.  
**Fellenburg** (Italian Prune).  
**Stanley Prune.** Blue.  
 5 to 6-ft. trees, \$3.00 each; \$27.50 for 10

### PEARS

**Bartlett.** Yellow. August.  
**Clapp's Favorite.** Yellow spotted red. Early August.  
**Kieffer.** Yellow, red cheek. October.  
**Seckel.** For pickling. September.  
 Any of the above, 5 to 6 ft., \$3.00 each; \$27.50 for 10

## Strawberries

\*Means most popular.

### EARLY VARIETIES:

\***Dorsett.** The best in cultivation. Perfect blossoms, very productive and showy, of finest flavor and firmness.

**North Star** **Premier**  
**Fairfax**

### MIDSEASON VARIETIES:

**Catskill** **Aberdeen**  
**\*Big Joe** **Pathfinder**

### LATE VARIETIES:

\***Fairpeake** **\*Ambrosia**  
**Chesapeake** **\*Gandy**

Any of the above, 25 for \$1.25, postpaid \$1.35; 50 for \$2.00, postpaid \$2.25; \$3.00 per 100, postpaid \$3.25

### EVERBEARING VARIETIES MASTODON GEM

25 for \$2.00, postpaid \$2.10; 50 for \$3.25, postpaid \$3.40; \$5.00 per 100, postpaid \$5.25  
 Quantity prices on application

## Grapes

**Catawba.** Red. **Caco.** The best red.  
**Concord.** Blue. **Fredonia.** Black;  
**Niagara.** White. early.  
**Moore's Diamond.** White.

Strong, 2-yr., 60c each, postpaid 70c;  
 \$5.00 for 10, postpaid \$5.25

**GRAPE-PROTECTING BAGS.** Temporarily discontinued.

### SWEET CHERRIES

**Black Tartarian** **Napoleon.** Yellow.  
**Schmidt's Bigarreau.** Mahogany.  
 Any of the above, 5 to 6 ft., \$3.25 each

### CANNING AND PIE CHERRIES

**Early Richmond.** Light red  
**English Morello.** Dark red.  
**Montmorency.** Red.  
 Any of the above, 11/16 in. cal. and up, \$3.25 each.

### Blueberries

**Cabot** **Jersey** **Rubel**  
**Concord** **Rancocas**  
 6 to 12 in., \$1.25 each, postpaid \$1.40  
 12 to 18 in., \$1.75 each, postpaid \$2.00  
 18 to 24 in., \$2.25 each, postpaid \$2.25

### Blackberries

**Alfred** **Blowers** **Eldorado**  
 10 for \$2.25, postpaid \$2.50; \$12.50 per 100

### Dewberries

**Lucretia.** Extra large, black. \$1.50 for 10, postpaid \$1.60; \$10.00 per 100.

### Raspberries

**Cumberland.** Black. Midseason.  
**Latham.** Red. Midseason to late.  
**Newburgh.** Red. Midseason.  
 \$2.25 for 10, postpaid \$2.50; \$12.50 per 100

### Everbearing Raspberries

**Indian Summer.** Best everbearing red.  
**St. Regis.** Everbearing red.  
 \$2.50 for 10, postpaid \$2.75; \$15.00 per 100.

### Thornless Boysenberry

No. 1 strong rooted plants. Immense berries of very sweet, delicious flavor, somewhat suggestive of the raspberry. Small seeds. Plant 8 x 8 feet apart because of their great thriftiness. \$2.50 for 10, postpaid \$2.75. \$15.00 per 100.



## INSECT, FUNGUS AND WEED DESTROYERS

Where postpaid prices are not given, add 9c per pound and 1c for each additional pound.

**ALL PRICES ON THIS PAGE SUBJECT TO CHANGE WITHOUT NOTICE**

**ANT BAIT (Magikil).** Garden size 1 oz. 40c, postpaid 45c. Estate size 3 ozs. \$1.00, ppd. \$1.05. 7½-oz. size \$1.95, ppd. \$2.05.  
**ANT BAIT (Tat).** Ant-trap. 25c, postpaid 28c. Garden size tube 35c, postpaid 40c.  
**ANT GAS.** A liquid—kills ants quickly; also effective against ground moles. ½pt. 50c, postpaid 60c; pt. 90c, postpaid \$1.00; qt. \$1.75, postpaid \$1.90.  
**ANT-X.** Kills both sweets- and grease-eating ants. Safety traps 25c, postpaid 30c. Garden-size tube 35c, postpaid 40c. Estate size \$1.00, postpaid \$1.10.

### ARNOLD CARTRIDGES

**Arsen-O-Spray.** For control of most chewing insects.  
**Funguspray.** For control of leaf-spot, blight, black-spot, and fruit-rot.  
**Sulph-O-Spray.** For control of mildew.  
**Nic-O-Spray.**  
**P. R. (Pyrethrum-Rotenone).** The two above for control of aphids, thrips, etc.  
**DDT.** Most effective on chewing insects.  
**Weed-O-Spray.** Kills poison ivy, etc., and lawn weeds.  
**Vitamin B-1 Cartridge.**  
**Cleanness Auto Wash.**  
 All Cartridges, 35c each, \$4.00 per doz.  
 For postage, add 5c to each; ½doz. lots, 10c.  
**Arnold Sprayer.** See page 50.

**ARSENATE OF LEAD.** Most effective for chewing insects. Lb. 45c; 4 lbs. \$1.35. Postage extra.

**ARSENATE OF ZINC.** 4 lbs. 90c. Postage extra.

**BEETLE BAIT (Dry and Liquid).** Extensively used to trap Japanese beetles.

**Ellisco.** Oz. (dry) 15c, postpaid 17c; 4 ozs. 40c, postpaid 45c; lb. \$1.20, postpaid \$1.30. Oz. (liquid) 70c, postpaid 75c; ½pt. \$2.75, postpaid \$2.85; pt. \$5.50, ppd. \$5.65; qt. \$10.00, ppd. \$10.15.

**G. and O.** Oz. (dry) 10c, postpaid 12c; 2½ ozs. 25c, postpaid 30c. Oz. (liquid) 15c, postpaid 25c.

For Traps see page 51.

**BENZO-FUME PRESSURE FUMIGATOR.** For control of greenhouse red spider. ½lb. 40c; 1 doz. cans \$3.20; 1-lb. can 60c; 1 doz. cans \$5.50.

**BLACK-LEAF 40.** 1-oz. bottle 36c, postpaid 40c; 5 ozs. \$1.05, postpaid \$1.10; lb. \$2.42, postpaid \$2.52; 2 lbs. \$3.92, postpaid \$4.03; 5 lbs. \$7.40, postpaid \$7.55; 10 lbs. \$12.85, postpaid \$13.05.

**BLUE STONE (Powdered).** Lb. 20c; 5 lbs. 75c; 10 lbs. \$1.25; 50 lbs. \$5.00; 100 lbs. \$9.00. Postage extra.

**BORDEAUX MIXTURE POWDER.** Ready mixed to control fungus diseases. Lb. 40c; 4 lbs. \$1.00.

**CALCIUM ARSENATE.** Dust or spray for insect control. Lb. 30c; 4 lbs. 65c.

**CARBON DISULPHIDE.** For weevil and other grain insects. 1-qt. can 75c; 5-lb. can \$1.35. Not available.

**CORN EAR WORM DROPS.** An Ogen product. 2 ounces treats 100 ears of corn for worms. 35c, postpaid 40c.

**COPPER LIME DUST (20-20-60 Mixture).** 5 lbs. 75c; 100 lbs. \$10.00. Postage extra.

**CYANOGENAS "A."** A dust for outside use in killing rats, moles, woodchucks, gophers, ground squirrels, and certain insects. ¼lb. 30c; lb. 75c; 5 lbs. \$3.00; 25 lbs. \$10.00; 100 lbs. \$25.00.

**CYANOGENAS "G" FUMIGANT.** 5 lbs. \$3.00; 25 lbs. \$10.00; 100 lbs. \$25.00.

**D-X (Rotenone-Pyrethrum-D.D.T.).** Controls sucking and chewing insects ½ oz. 40c, postpaid 45c; 8 ozs. \$1.50, postpaid \$1.60; qt. \$4.75, postpaid \$4.90; gal. \$12.75, postpaid \$13.00; 5 gals. \$50.50.

**D. D. T. 25% PRATT'S.** Controls most insects, including Japanese Beetle, also flies in barns, dairies, etc. 1-qt. \$2.85; ½pt. \$1.00; 1½ oz. 35c. Postage extra.

**END-O-PEST.** For control of chewing and sucking insects and fungus diseases. Gun and powder combined, 79c, postpaid 89c. Refill cartridge, 59c, postpaid 69c. 2-lb. pkg. to be used with regular duster, \$1.50, postpaid \$1.65. 4-oz. pkg., 25c, ppd. 30c.

**EVERGREEN GARDEN SPRAY.** A concentrated pyrethrum spray, very effective. Oz. 35c, postpaid 45c; 6 ozs. \$1.15, postpaid \$1.25; pt. \$2.45, ppd. \$2.60; qt. \$4.10, ppd. \$4.25; gal. \$12.60, ppd. \$12.85.

**FERMATE.** Controls black-spot and other fungus diseases. 3 lbs. \$2.25.

**FORMALDEHYDE.** For potato scab and mold. Qt. \$1.00; gal. \$3.25. Not available.

**FUMETOBAC (For burning).** 25 lbs. \$4.50; 50 lbs. \$8.00; 100 lbs. \$15.00. Postage extra.

**FUNGITROGEN.** Conquers mildew and black-spot. ½pt. 75c, postpaid 83c; pt. \$1.25, postpaid \$1.35; qt. \$2.00, postpaid \$2.12; gal. \$6.00, postpaid \$6.18.

**GARDEN DOWFUME.** Soil fumigant for the control of wireworms and other insects. Gal. \$1.50.

**IRON SULPHATE.** For spraying rhododendrons, azaleas, laurel, etc., for fading foliage. Use 1 ounce to 3 gallons of water. Sprinkle on plants three times during season. Lb. 10c, postpaid 20c.

**JAPIDEMIC (Milky Disease Spore Dust).** Kills the grub of the Japanese beetle in the soil. Remains virulent and effective in the soil for many years. Use at any time. ½lb. \$2.75; 1-lb. (sufficient for 4000 sq. ft.) \$4.50.

**LEMON-OIL INSECTICIDE.** ½pt. 35c, postpaid 43c; pt. 60c, postpaid 70c; qt. \$1.00, postpaid \$1.11; ½gal. \$1.75, postpaid \$1.88; gal. \$3.00, postpaid \$3.18.

**LIME-SULPHUR (Liquid).** Qt. 45c; gal. \$1.00; 5 gals. \$3.50; 30 gals. \$8.50; 50 gals. \$10.50. Not available.

**LIME-SULPHUR (Dry Powder Form).** Lb. 35c; 5 lbs. \$1.60; 12½ lbs. \$2.00. Not available.

**LORO.** Kills red spider, mealy bug, thrips, midge, white fly and aphids. Pt. \$2.00, ppd. \$2.10; gal. \$11.50, ppd. \$11.68.

### Commercial Growers

Complete insect and disease control with Niagara Products.

**COCS COPODUST.** Neutral copper dust for potato and tomato blight control. 50 lbs. \$5.00

**COCS SPRAY.** Neutral copper dust in wettable form. 48 lbs. \$13.50.

**COCS COPOTEX.** Neutral copper fungicide combined with calcium arsenate. 75 lbs. \$8.25.

**COCS NIATOX.** 3% DDT. Neutral copper fungicide combined with 3% DDT. A complete insecticide and fungicide for potatoes and tomatoes. 50 lbs. \$6.50.

**COCS CUCURBIT DUST.** Copper combined with calcium arsenate for squash, melons and all cucurbits. 50 lbs. \$4.25.

**ROTENONE, KOLO.** .75%. Specially formulated sulphur fungicide and rotenone insecticide. 50 lbs. \$8.50.

**ROTENONE DUST.** .75%. 50 lbs. \$9.50.

**NICOTINE.** 3% nicotine for control of sucking insects. 100-lb. drum \$15.00.

**SULPHUR, CONDITIONED DUSTING.** 325-mesh. 50-lb. bag \$2.75.

**FRUITEX.** Sulphur fungicide combined with lead-arsenate insecticide. 50 lbs. \$9.00.

### Niagara Products

**COCS COPPER MILDEW SPRAY.** Copper fungicide, more concentrated than Bordeaux mixture. Lb. 55c; 3 lbs. \$1.15.

**COCS COPPER ROTENONE.** Multi-purpose insecticide and fungicide. Lb. 55c; 4 lbs. \$1.55.

**COCS COPODUST.** Dust for blight on vegetables and ornamentals. 5 lbs. 85c.

**COCS COPOTEX.** Copper combined with calcium arsenate for insecticides and fungicidal control. 5 lbs. 95c.

**COCS CUCUMBER AND MELON DUST.** Especially formulated insecticide and fungicide for squash, melon, cucumber, etc. 4 lbs. 90c.

**KOLO SULPHUR ROTENONE.** .75%. Combined contact and stomach poison with sulphur fungicides. Lb. 50c; 4 lbs. \$1.40.

**KOLO FRUIT TREE DUST OR SPRAY.** Superior all-purpose fruit dust or spray for insecticidal and fungicidal use. 3 lbs. \$1.25.

**WETTABLE AND DUSTING SULPHUR** for ornamentals, fruit trees, etc. 2 lbs. 40c; 4 lbs. 55c.

**DDT FRUIT, VEGETABLE AND FLOWER DUST.** 3% DDT. Controls Jap beetles, leafhoppers, flea beetles, etc. Lb. 35c; 4 lbs. 75c.

**DDT FRUIT AND VEGETABLE SPRAY.** .50% DDT. Dry wettable powder. Lb. 75c; 3 lbs. \$1.95.

**POMO-DUST (also called Massey Dust).** Prevents and cures mildew and black-spot on roses. Lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.75; 100 lbs. \$8.00. Postage extra.

**POMO-GREEN.** Like the above, but colored green to harmonize with the color of plants. Lb. 55c; 5 lbs. \$1.85. Postage extra.

**POMO-GREEN WITH NICOTINE.** Like above, but also kills sucking insects. Lb. 95c; 5 lbs. \$3.50. Postage extra.

**ROTENONE DUST.** .75%. Non-poisonous general-purpose insecticide. Lb. 45c; 4 lbs. \$1.30.

**ROTENONE DUST OR SPRAY.** .50%. Dual-method insecticide. Lb. 45c; 4 lbs. \$1.30.

**DDT BARN AND STOCK SPRAY.** .50% DDT. Dry wettable powder. Lb. 75c; 3 lbs. \$1.95.

**DDT INSECT POWDER.** 10% DDT. Insect powder for control of house and barn insects. 8 ozs. 35c.

**POULTRY PEST POWDER B. H. C.** Dust or spray poultry or roosts with benzene hexachloride for lice and mites. Lb. \$1.40.

**LOUSE POWDER B. H. C.** Dust for lice and ticks. Lb. 65c.

**MAGNESIUM ARSENATE.** Extensively used to control the Mexican bean beetle. 2 lbs. 60c, postpaid 72c.

**MOLE KILLERS.** See page 64.

**MOUSE SEED.** See page 64.

**NAPHTHALENE FLAKES.** Lb. 30c, postpaid 40c.

**NICO-FUME (Liquid).** Lb. \$2.60; 2 lbs. \$3.45; 8 lbs. \$11.95. Postage extra.

**NICO-FUME PRESSURE FUMIGATORS.** ½lb. 50c; lb. 85c; 12 ½-lb. cans \$4.60; 12 1-lb. cans \$7.95. Postage extra.

**N.N.O.R.** For control of red spider in greenhouses. Gal. \$10.00, postpaid \$10.25.

**PARA-DICHLOROBENZENE or CRYSTAL GAS.** Controls peach borers. Use 1 ounce to each tree. Lb. 45c; 5 lbs. \$1.75. Postage extra.

**PARA-SCALEXIDE.** A liquid treatment for peach borers. Qt. \$1.00, postpaid \$1.15; gal. \$2.50, postpaid \$2.75; 5 gals. \$8.25, freight or express.

**PARIS GREEN.** ¼lb. 20c; lb. 60c; 5 lbs. \$3.00. Postage extra. Prices subject to change.

**PYROX WITH NICOTINE.** 20-oz. jar 60c, postpaid 70c; 5 lbs. \$2.00, postpaid \$2.15; 25 lbs. \$6.50, postpaid \$6.85.

**P 40.** (Contains sodium selenate), an insecticide for greenhouse use, spread on ground absorbed by plant, it kills certain insects, red spider, aphids, etc. 25 lbs. \$4.50; 50 lbs. \$9.00; 100 lbs. \$16.00.

**RAT and ROACH POISONS and TRAPS.** See page 64.

**RED ARROW INSECT SPRAY.** Oz. 35c; 4 ozs. \$1.00; pt. \$2.85; qt. \$5.50; gal. \$19.00; 5 gals. \$85.00. Postage extra.

**ROTECIDE SPRAY.** Contact and stomach poison. Will not burn or in any way affect the most delicate foliage. Oz. 35c, postpaid 40c; ½pt. \$1.00, postpaid \$1.10; pt. \$1.75, postpaid \$1.85; qt. \$3.00, postpaid \$3.12; gal. \$8.00, postpaid \$8.25.

**SCALEXIDE.** Used for the destruction of San Jose scale. Spray during the winter or early spring when the trees are dormant. Qt. 85c, postpaid 95c; gal. \$2.00, postpaid \$2.25; 5 gals. \$7.35; 15 gals. \$17.25; 30 gals. \$27.50; 55 gals. \$42.50. Refund on return of 15-, 30-, 55-gal. drums.

**SLUG-SHOT (Powder).** Lb. 40c, postpaid 50c; 5 lbs. \$1.70, postpaid \$1.85; 25 lbs. \$5.50.

**SNAROL CUTWORM BAIT.** Non-injurious to vegetation. It kills cutworms, snails, slugs, sowbugs, earwigs. Lb. 35c; 2½ lbs. 75c; 6 lbs. \$1.50.

**SULFOCID.** An efficient summer spray for the control of scab and black-rot on fruit trees. Pt. 75c, postpaid 85c; qt. \$1.25, postpaid \$1.35; gal. \$2.75, postpaid \$3.00; 5 gals. \$9.25; 15 gals. \$22.75.

**SULPHUR, Superfine Conditioning (Dusting).** Lb. 10c, postpaid 18c; 5 lbs. 40c, postpaid 53c; 10 lbs. 75c, postpaid \$1.02; 25 lbs. \$1.50, postpaid \$1.85.

**TARTAR EMETIC.** Indispensable for gladiolus. ¼lb. 35c, postpaid 40c; lb. \$1.25, postpaid \$1.35.

**TERMITE KILL (Fidel-X).** A tested product for termite control. Qt. \$2.39, postpaid \$2.50; 2 qts. \$4.50, postpaid \$4.75.

**TOBACCO DUST (Special Dusting or Fumigating).** Lb. 10c, postpaid 18c; 3 lbs. 25c, postpaid 35c; 10 lbs. 60c, postpaid 78c; 20 lbs. \$1.00, postpaid \$1.26; 100 lbs. \$4.00.

**TREE PAINT.** ½pt. 50c, postpaid 60c; pt. 90c, postpaid \$1.15; qt. \$1.75, postpaid \$1.90; gal. \$4.50, postpaid \$4.70.

**TREE TANGLEFOOT.** 6 ozs. 45c, postpaid 53c; lb. 80c, postpaid 92c; 5 lbs. \$3.75, postpaid \$3.95; 10 lbs. \$7.00, ppd. \$7.20.

**TRI-GEN. (Now contains Fermate).** Size A, \$1.50, postpaid \$1.60. Size B, \$4.00, postpaid \$4.16. Size C, \$6.00, postpaid \$6.25. Size D, \$20.00.

**VOLCK.** A summer oil spray that kills certain insects. 4-oz. bottle 25c, postpaid 32c; 16-oz. bottle 50c, postpaid 60c; ½gal. \$1.25, postpaid \$1.40; gal. \$2.25, postpaid \$2.45; 5-gal. drum \$8.50.

### Soap Spreaders and Stickers

**CATALIZER.** Spreader and sticker. 2 lbs. 75c, postpaid 85c; 50-lb. bag \$13.50, postpaid \$14.08.

**FISH-OIL SOAP NO. 3 (Potash).** Soft. Lb. 40c, postpaid 50c.

**LINSO LIQUID SOAP.** Qt. 90c, postpaid \$1.00. Small size 40c, postpaid 50c.

**RED ARROW SOAP.** Gal. \$2.25.

**SPREADER-STICKER.** Grasselli. Pt. \$1.00, postpaid \$1.10; gal. \$7.00, postpaid \$7.25.

### Seed, Turf, Bulb and Lawn Protectants

**BARSPROUT.** To prevent sprouting of potatoes and other root crops. 12 ozs. will treat 11 bushels. \$1.00, postpaid \$1.10. Larger sizes available.

**SPERGERON.** Protects seeds from attack by soil-borne and seed-surface fungi, thus assuring better stands, healthier plants and higher yields. 2 ozs. 35c, postpaid 40c; lb. \$2.15, postpaid \$2.25; 5 lbs. \$9.95, ppd. \$10.10; 10 lbs. \$18.50, ppd. \$18.70.

**ARASAN.** For corn, sorghum, peanuts, and vegetables. 8 ozs. 80c, postpaid 90c.

**CERESAN (New Improved).** Dust disinfectant to control diseases carried on grain seed and narcissus. 4 ozs. 35c; lb. 90c; 4 lbs. \$3.00; 8 lbs. \$6.00. Postage extra.

**SEMESAN.** ½oz. 12c; 2 ozs. 45c; 12 ozs. \$2.10; 4 lbs. \$10.10; 25 lbs. \$58.28; 100 lbs. \$219.80. Postage extra.

**SEMESAN SPECIAL.** Controls brown patch on turf and lawns. 5 ozs. 70c; 4 lbs. \$6.92.

**SEMESAN BEL (New Improved).** Dip disinfectant to control scab and rhizoctonia carried on white seed potatoes. One pound disinfects 60 to 80 bushels. 2 ozs. 35c; lb. \$1.83; 4 lbs. \$6.33; 25 lbs. \$36.90; 40 lbs. \$59.00; 100 lbs. \$138.75.

**SEMESAN JR. (New Improved).** For controlling certain root-rots carried by field and sweet corn; also to prevent rotting in early planting. 1½ ozs. 17c; 12 ozs. 62c; 6¼ lbs. \$4.16; 25 lbs. \$13.85; 100 lbs. \$49.95. Postage extra.

**PURATURF.** An organic fungicide to control brown patch on lawns. Controls crab grass. One-half pint makes 50 gallons of spray. ½pt. \$1.65, postpaid \$1.80; ½gal. \$10.90.

### Weed Destroyers

**AMMATE.** 2-lb. bottle 75c, postpaid 87c; 6-lb. bottle \$2.00, postpaid \$2.10; 50 lbs. \$12.00; 350 lbs. \$63.00.

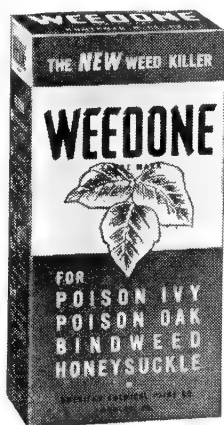
**CRAB GRASS KILLER (Zotox).** Controls crab grass without destroying permanent lawn grasses. One pound will treat 1000 to 2000 square feet. 8 ozs. \$1.00, postpaid \$1.10; lb. \$1.50, postpaid \$1.62; 2 lbs. \$2.50, ppd. \$2.62; 5 lbs. \$4.50, ppd. \$4.65.

**C-LECT (Tat).** Crab Grass Killer. 8 ozs. \$1.00; postpaid, \$1.10; 16 ozs. \$1.50, postpaid \$1.60.

**DANDELION KILLER.** Kills dandelion and plantain. 8-oz. size 35c, postpaid 45c; qt. 50c, postpaid 65c.

**WEED KILLER.** Destroys weeds and grass on roadways, paths, gutters, etc. One gallon makes 40 gallons of treating liquid. Qt. 70c, postpaid 80c; gal. \$2.00, postpaid \$2.15; 5 gals. \$8.00.

**END-O-WEED.** Lawn Weed Killer. Pkt. 25c, postpaid 27c, will treat 200 sq. feet. 1 pt. can \$1.00; 1 qt. can \$2.75.



### Weedone

The new internal weed killer. Sprayed on leaves, it travels down and kills right out to the root tips. Sprayed on lawns, it kills dandelions and other weeds without hurting the grass. 6-oz. bottle (covers 500 sq. ft.) 75c, postpaid 85c; 1-qt. can (covers 2500 sq. ft.) \$2.50, postpaid \$2.70; 1-gal. can (covers 10,000 sq. ft.) \$7.50, postpaid \$7.80; 5 gals. \$30.00 f.o.b. Larger quantities on request.

**WEE DUST-2.4 D.** Weed Killer. Just dust the weeds out of your lawn. 12 oz. Container, Shaker Top 75c, postpaid 85c.

### Dog, Cat, Crow, Mole and Rabbit Repellents

All Subject to Sales Tax

**CHAPERONE.** (Powder.) A new household dog repellent. Keeps dogs off rugs and furniture. 50c, postpaid 58c; large can \$1.00, postpaid \$1.10.

**DOG SKAT.** To be attached to evergreens and shrubs. Large tube 25c, postpaid 30c.

**DOGZOFF—Dog Repellent.** 3-oz. bottle (treats 50 trees) 60c, postpaid 70c; pt. can \$2.50, postpaid \$2.60; qt. can \$4.00, postpaid \$4.12.

**DOG-CHECK.** The ideal repellent for checking "doggie habits." Safe and harmless; may be sprayed directly on new growth. Unaffected by rain, one spraying usually lasts two to three weeks. 3-oz. size 60c, postpaid 65c; 8-oz. \$1.00, postpaid \$1.10.

**FUMOGEN.** A scientific dog and cat repellent and insecticide. 8-oz. pkg. 50c, postpaid 60c.

**KITTY CHAPERONE.** Keeps cats off furniture. Pleasant odor, harmless. 50c, postpaid 58c; large size \$1.00, postpaid \$1.10.

**PESTEX.** A positive repellent of rabbits, moles, rodents, birds, dogs, cats. Harmless to plants or soil. Lb. 35c, postpaid 45c; 5 lbs. \$1.50, postpaid \$1.65; 10 lbs. \$2.75, postpaid \$2.95.

**MOLE REPELLENTS.** See page 64.

**RABBIT REPELLENT.** Non-poisonous and safe. Lb. (enough for 50 ft.) 45c, postpaid 55c; 5 lbs. (treats 250 ft.) \$1.75, postpaid \$1.90.

**CROW REPELLENT.** Repels crows and other corn-pulling pests. ½pt. (1-bus. size) 35c, postpaid 45c; pt. (2-bus. size), 50c, postpaid 62c; qt. (4-bus. size) 90c, postpaid \$1.05.

**MQ SEWER CARTRIDGES**  
DESTROY ROOTS CHEMICALLY  
KEEP SEWERS OPEN

**NO DIGGING...  
NO BIG EXPENSE  
NO BOTHER... NO MESS**

M-Q Sewer Cartridges will insure a clean, free-flowing sewer permanently at trifling cost. They destroy roots and other organic matter chemically without damage to plumbing.

**Simply flush them down your toilet**

Box of six, postpaid \$2.00.

**HORMODIN POWDER.** (In three strengths.) Simplifies rooting of cuttings. No. 1 Powder. 1¼ oz. 50c, postpaid 55c; 1-lb. tin \$3.00, postpaid \$3.10.

No. 2 Powder. 75c, postpaid 80c; 1-lb. tin \$4.50, postpaid \$4.60.

No. 3 Powder. \$1.00, postpaid \$1.05; ½-lb. tin \$4.50, postpaid \$4.60. Combination package of Nos. 1, 2, and 3, 75c, postpaid 80c.

**STAFAS.** A hormone spray powder that controls premature dropping of apples, improves size, color and quality. ½lb. (makes 100 gals. of spray) \$1.25, postpaid \$1.33.

**STALEYMON.** A hormone and plant-growth material for better crops, stronger seedlings, stronger root system, and more fruit and grains. Oz. 25c, postpaid 28c; lb. \$1.00, postpaid \$1.10.

**WEDO.** Contains 2-4-D. It feeds grass and destroys weeds at the same time. Analysis 6-10-4 suggested rate of application 1½ lb. per 100 sq. feet. 25 lbs. \$2.75; 100 lbs. \$7.95.

# FERTILIZERS, PLANT-FOODS AND HORMONES

MARYLAND SALES TAX EXEMPT

All prices on Fertilizers are subject to market changes; ton prices on request. Fertilizer and Plant-Foods, postage extra. For fertilizer to be sent by Parcel Post, consult Parcel Post table on page 1.

**COMPO.** An improved compost builder which will turn waste materials such as leaves, grass clippings, weeds, vines, corn-stalks, etc., into rich organic manure. 7½-lb. pkg. \$1.00, postpaid \$1.20; 25-lb. pkg. \$2.00, postpaid \$2.30; 100 lbs. \$7.50, f.o.b. Baltimore.

**ADCO.** A 25-lb. bag of ADCO, costing about \$2.25, makes half a ton of splendid fertilizer. 7½-lb. pkg. \$1.15, postpaid \$1.35; 25 lbs. \$2.25, postpaid \$2.55; 150 lbs. \$11.25, f.o.b. Baltimore.

**AGRICO (6-10-4).** A complete plant-food for lawns, trees, shrubs, and flowers. 5 lbs. 45c; 10 lbs. 80c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00.

**ALUMINUM SULPHATE.** For rhododendrons and azaleas. Lb. 10c; 3 lbs. 25c; 5 lbs. 40c; 100 lbs. \$4.00.

**ASPARAGUS SALT.** 10 lbs. 30c; 50 lbs. \$1.25; original sack 100 lbs. \$2.00.

**BLOOD, DRIED.** For flowering plants, like roses, carnations, etc., its chief element being nitrogen. Fine for ferns. Lb. 20c; 5 lbs. 80c; 10 lbs. \$1.50; 100 lbs. \$9.50.

**BONEMEAL, Quick-Acting.** A pure bone for building up wornout soil, lawns, etc. Quick acting. 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.50.

**BONEMEAL, RAW (3.7-48).** Will not burn. A high-class, slow-acting fertilizer. 5 lbs. 35c; 10 lbs. 65c; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.50.

**BONE FLOUR.** Finely pulverized and bolted. Effective immediately. For rose-growing this cannot be excelled. Lb. 10c; 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$5.00.

**COW MANURE, SHREDDED, Wizard Brand.** For garden, lawn and greenhouse, and especially good to mix with compost. 5 lbs. 35c; 10 lbs. 55c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25; 500 lbs. \$15.75.

**ESSKAY (4-9-5).** For lawns, flowers and vegetables. 10 lbs. 85c; 25 lbs. \$1.65; 50 lbs. \$2.75; 100 lbs. \$4.00.

**COMMERCIAL FERTILIZER (5-10-5).** 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 100 lbs. \$3.00.

**COMMERCIAL FERTILIZER (4-12-4).** 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 100 lbs. \$3.00.

**HYPER-HUMUS.** Fine for lawns, replanting and replotting. 5 lbs. 25c; 10 lbs. 40c; 25 lbs. 75c; 100 lbs. \$1.75; 500 lbs. \$7.50; 1000 lbs. \$12.50; ton \$22.50.

**IMP.** A high-grade fertilizer used extensively by florists. 100 lbs. \$8.50.

**LAND PLASTER or Gypsum.** Highly recommended for iris borers. Lb. 5c; 25 lbs. 50c; 50 lbs. 85c; 100 lbs. \$1.50.

**LIME, HYDRATED (Powdered).** Apply 1 ton per acre on fields, or ½ ton on lawns. 5 lbs. 20c; 10 lbs. 30c; 50 lbs. 75c; 500 lbs. \$6.00.

**LIMESTONE (Ground).** 80-lb. bag \$1.00.

**MURIATE OF POTASH.** Lb. 10c; 3 lbs. 25c; 5 lbs. 40c; 10 lbs. 75c; 100 lbs. \$5.00.

**NITRATE OF SODA.** For truck farmers only. Lb. 10c; 3 lbs. 25c; 10 lbs. 75c; 100 lbs. \$4.00.

**ORCHID PEAT.** Osmunda Fibre. Lb. 75c.

**PEAT MOSS (Granulated).** Pk. 25c; bus. 75c; small bale \$2.90; full-size bale \$4.90.

**RHODO-AZALEA FOOD. (3-20-3).** The best food for these acid-loving plants. 5 lbs. 65c; 10 lbs. \$1.15; 25 lbs. \$2.50.

**ROSE FOOD—All organic (5-7-4).** 100% plant-food. 5 lbs. 65c; 10 lbs. \$1.25; 25 lbs. \$2.50.

**SHEEP MANURE (Wizard Brand).** 5 lbs. 35c; 10 lbs. 55c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25; 500 lbs. \$15.75.

**SPHAGNUM MOSS.** For packing plants and growing orchids. Pk. 50c, postpaid 59c; bus. \$1.25, postpaid \$1.40; bale (about 3 bus.) \$3.75.

**SULPHATE OF POTASH.** Fine for roses. Lb. 10c; 3 lbs. 25c; 5 lbs. 40c; 10 lbs. 75c; 100 lbs. \$5.00.

**SULPHATE OF AMMONIA.** 100 lbs. \$5.00.

**SUPER PHOSPHATE.** Lb. 5c; 10 lbs. 45c; 25 lbs. 85c; 100 lbs. \$2.25.

**TEROGEN.** Autumn-winter ground-dressing and soil-disinfectant. Lb. 75c; 2 lbs. \$1.25; 5 lbs. \$2.75; 10 lbs. \$4.75; 25 lbs. \$11.00.

**TOBACCO STEMS (Ground).** Lb. 5c; 25 lbs. \$1.00; 50 lbs. \$1.50; 100 lbs. \$2.75.

**VIGORO 4-12-4.** For lawns, trees, shrubs and flowers. Lb. 12c; 5 lbs. 45c; 10 lbs. 85c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00.

## Concentrated Plant-Foods for Indoors and Outdoors

**HY-GRO (13-26-13).** A new soluble plant-food for outdoors or indoors. 2 lbs. with jar and sprayer to be attached to hose. (For refilling buy the 10-lb. size.) Will cover 2400 square feet in liquid solution. \$2.50, postpaid \$2.65; 3 ozs. 25c, postpaid 35c; 20 ozs. \$1.00, postpaid \$1.10; 10 lbs. \$4.00, postpaid \$4.20.

**HY-TROUS (Liquid Fertilizer).** A balanced fertilizer in concentrated form, for shrubs, lawns, house plants, and vegetables. 3-oz. bottle 25c, postpaid 30c; 8 ozs. 59c, postpaid 69c; 16 ozs. 99c, postpaid \$1.12; 32 ozs. \$1.79, postpaid \$1.95; gal. \$5.95, postpaid \$6.15.

**VHPF.** Soluble hormones with soluble fertilizer. Plants keep right on growing when transplanted and fed with soluble VHPF, resulting in earlier and larger crops. 1-lb. pkg. 50c, postpaid 60c; 5 lbs. \$2.00, postpaid \$2.15; 30 lbs. \$8.40, postpaid \$8.80.



**PLANTABBS.** Use for beautiful gardens and lovely house plants. 10 tablets 10c; 30 tablets 25c; 75 tablets 50c; 200 tablets \$1.00; 1000 tablets \$3.50, postpaid.

**VIGORO.** Tablets for house plants. Pkg. (24) 10c, postpaid 12c.

**VITAMIN B<sub>1</sub> PELLETS.** 25c pkg. makes 200 gals., \$1.00 pkg. makes 2000 gals. Postpaid.

## Floralife

Helps Cut-Flowers Live Longer

Use in vases of flowers, center-pieces, floral arrangements. Pkt. 10c, postpaid 12c; handy home size (makes 30 qts. solution) \$1.00, postpaid \$1.10; bulk size (makes 100 qts.) \$3.00, postpaid \$3.10.

**FERTILIZERS FOR GREENHOUSE AND GARDEN CROPS.** By Alex Laurie and J. B. Edmond. 156 pages; 22 illus. \$2.50, postpaid \$2.60.

**WEDO.** Feeds grass, destroys weeds. See page 43.



**SACCO.** The complete all-purpose plant-food. Contains all eleven elements needed for thicker, greener turf, beautiful flowers, vigorous trees and shrubs, and more tasty vegetables. Sacco is famous for results. It is clean, odorless and always uniform. Sacco is endorsed by thousands of home owners and professional gardeners everywhere. Lb. 10c; 5 lbs. 45c; 10 lbs. 80c; 25 lbs. \$1.45; 50 lbs. \$2.50; 100 lbs. \$3.75.

**TERRA LITE.** A growing medium for rooting cuttings, for plant propagation, for seed germination, for mulching, to lighten heavy soil, for storing bulbs. Replaces pebbles for growing bulbs in water. Write for sizes and prices.



## Rootone

The plant hormone powder, for cuttings, seeds, tubers, and bulbs. Just dip the base of the cutting or slip in Rootone, set in sand, and the roots will grow faster and bigger. By dusting seed with Rootone, seedlings grow faster and more uniformly, producing stronger plants and better crops. ¼-oz. pkt. 25c postpaid; 2-oz. jar \$1.00, postpaid \$1.05; 1-lb. can \$5.00, postpaid \$5.10.

**ROOTONE No. 10.** For woody cuttings only. 2-oz. jar \$2.00, postpaid \$2.05; 1-lb. can \$10.00, postpaid \$10.10.

## Transplantone

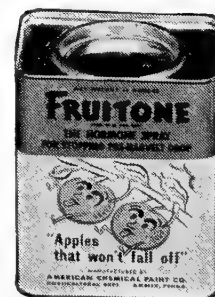
The hormone-vitamin powder for stimulating roots in transplanting. Makes shrubs, trees, and plants in general take root faster. Produces earlier maturity and larger crops when used on tomato, cabbage, celery, lettuce, tobacco, and sweet potato plants. ½-oz. pkt. 25c postpaid; 3-oz. can \$1.00, postpaid \$1.05; 1-lb. can \$4.00, postpaid \$4.10.



## Fruitone

More tomatoes and more SEED-LESS tomatoes with Fruitone

Fruitone also helps grow big berries on berry-bearing shrubs and stops pre-harvest drop on fruit trees. ¾-oz. pkt. (makes 5 gals.) 25c postpaid; 2-oz. can (makes 25 gals.) \$1.00, postpaid \$1.05; 12-oz. can \$5.00, postpaid \$5.10.



See page 43 for other Hormone Powders.

# GARDEN ACCESSORIES

Are All Subject to  
Maryland Sales Tax



## "TWISTEMS"

THE NEW  
HANDY PLANT-TIE

"Twistems" are dark green, strong tapes with wire reinforcing that make perfect plant-ties. 8-in., box of 125, 35c, 16-in., box of 125, 65c, postpaid, add 10c per box.

## Adjusto Plant Support

A square, sturdy hardwood stake equipped with a patented adjustable wire loop. 3-ft., \$2.20 per doz.; 4-ft., \$2.60 per doz.; 5-ft., \$2.85 per doz.; 6-ft., \$3.20 per doz. For postage, add 15c, 25c, 30c, and 40c. If wanted without wire loop (stakes only) deduct \$1.20 from each size.

**Extra Wire Loops.** \$1.20 per doz., postpaid \$1.40.

## VITA-BANDS

Simple, Economical, Inexpensive

Vita-Bands are the logical answer for profitable production of many kinds of plants. They are easy to use, conserve space because of their rectangular shape, and insure a vigorous, balanced, speedy growth due to the nutrients with which they are impregnated which finishes the plants ready for sale often as much as a full week earlier.

**Vita-Band No. 10.** Built to last about 10 weeks.

	1000
1 3/4 x 1 3/4 x 2 1/2	\$2 90
2 x 2 x 2 1/2	3 25
2 x 2 x 3	3 75
2 1/2 x 2 1/2 x 3	4 15
3 x 3 x 3	4 55
3 x 3 x 4	5 90

**Vita-Band No. 40.** Will last for 40 weeks.

	1000
1 3/4 x 1 3/4 x 2 1/2	\$4 25
2 x 2 x 2 1/2	4 70
2 x 2 x 3	5 05
2 1/2 x 2 1/2 x 3	5 50
3 x 3 x 3	6 30
3 x 3 x 4	7 35

If to be sent by parcel post, add 50c to 1000 price on each of above sizes.

**VITA BANDS No. 40.** 2 x 2 x 2 1/2 in. 60c per 100, postpaid 70c. 3 x 3 x 3 in. 75c per 100, postpaid 85c.

## Plantrays

Unbreakable Rubber  
Flower-Pot Saucer

With Moisture-retaining Pad.

Each	Ppd.	Each	Ppd.
5 in....	\$0 25	10 in..	\$0 90
8 in....	50	12 in..	1 75

## Wooden Plant Boxes

The front is removable, permitting sliding out the pots.

**No. 1 XP. Plant Box.** With 36 2-in. pots. \$1.00 each, postpaid \$1.15.

**No. 3 XP. Plant Box.** With 16 3-in. pots. \$1.00 each, postpaid \$1.15.

**Kraft Board Pots.** Sold separately if desired. 2-in., 90c per 100, postpaid \$1.00; \$8.00 per 1000, postpaid \$8.30. 3-in., \$1.35 per 100, postpaid \$1.50; \$12.00 per 1000, postpaid \$12.50.



Lock  
Folded

Not  
Glued

## Waterproofed Plant Boxes

Each containing 12 BB Craft Board Pots

Your plants can be transferred to the garden in BB Craft Board Pots. Simply unlock bottom, fold flaps back, and place in the ground without disturbing the roots. Pkg. (12 boxes) 20c each, postpaid 27c; two for 35c, postpaid 43c.

## Pot and Tree Labels

All Painted

### Pot Labels

Width	100	P.P. Wt.	1000	P.P. Wt. Per 1000
4 x 5/8-in..	\$0 35	1/2 lb.	\$2 65	3 lbs.
5 x 5/8-in..	40	1/2 lb.	2 90	4 lbs.
6 x 5/8-in..	45	3/4 lb.	3 30	5 lbs.
8 x 5/8-in..	60	2 lbs.	5 00	8 lbs.
10 x 5/8-in..	75	1 lb.	6 00	10 lbs.
12 x 5/8-in..	90	2 lbs.	7 15	12 lbs.

### Garden Labels

8 x 7/8-in..	85	2 lbs.	7 70	9 lbs.
10 x 7/8-in..	1 00	2 lbs.	8 80	10 lbs.
12 x 1 1/8-in..	1 50	3 lbs.	13 00	12 lbs.

### Tree Labels

3 1/2-in. cop- per wire..	45	1/2 lb.	3 30	4 lbs.
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## Green-Painted Round Plant Stakes

	Each	Doz.	100
3-ft., heavy or dahlia...	\$0 12	\$1 25	\$9 50
4-ft., heavy or dahlia...	15	1 70	12 50
5-ft., heavy or dahlia...	20	2 25	16 00
6-ft., heavy or dahlia...	25	2 75	19 50

Postage extra per doz.: 3-ft., 10c; 4-ft., 12c; 5-ft., 14c; 6-ft., 16c.

	Each	Doz.	100
1 1/2-ft., light.....	\$0 03	\$0 30	\$1 65
2-ft., light.....	04	45	3 10
2 1/2-ft., light.....	06	65	4 50
3-ft., light.....	08	80	6 00

Postage extra per doz.: 1 1/2-ft., 7c; 2-ft., 7c; 2 1/2-ft., 8c; 3-ft., 9c.

## Earthen- ware Flower Pots and Bulb Pans



Sent by express and freight only. Packing at cost.

	Each	Doz.	100
2 in.....	\$0 03	\$0 25	\$1 90
2 1/2 in.....	04	35	2 40
3 in.....	04	45	3 00
4 in.....	05	55	4 60
5 in.....	10	1 15	8 40
6 in.....	15	1 65	12 50
7 in.....	25	2 50	19 00
8 in.....	35	3 50	27 50

Many sizes of Pots and Saucers not available.

## Earthenware Saucers

4 to 16 in. Supply doubtful.

Many sizes of Pots and Saucers not available.

## Garden Gloves

EEZY WEAR



Dirt proof, washable, all leather and durable, yet soft as kid and easy to wear. Ladies' sizes—6, 7 and 8. Men's sizes—9 and 10. \$1.25 per pair, postpaid \$1.35.

Other Gloves on page 55.

## Bird's IMPROVED NEPONSET

## Flower Pots

Extensively  
used for  
shipping  
plants,  
starting seeds  
and seedlings.



	Doz.	100	1000	Weight
2 in.....	\$0 12	\$0 80	\$6 00	10 lbs.
2 1/4 in.....	12	80	6 00	12 lbs.
2 1/2 in.....	13	85	6 10	16 lbs.

	Doz.	100	1000	Weight
3 in.....	\$0 14	\$0 90	\$6 85	25 lbs.
3 1/2 in.....	20	1 20	9 15	35 lbs.
4 in.....	25	1 35	10 40	42 lbs.

For other sizes, write for information.

## Sudbury Soil Test Kit



Soil is really the controlling factor in your whole garden operation. No matter how well seeds are planted, if the soil does not contain approximately the correct amount of plant-food in approximately the right proportions, the labor will be lost. Soil test kits will not give you all the answers about soil, but they will tell you more about it in ten minutes than you can guess in a lifetime.

**Home Garden Kit.** \$2.50, postpaid \$2.60.

**New Club Model.** \$4.75, postpaid \$4.85.

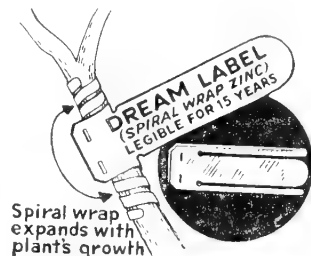
**The Horticultural Kit.** \$12.50, ppd. \$12.75.

**DeLuxe Model.** \$22.50, postpaid \$22.75.

**Two-Minute Kit for acidity only.** \$1.00, postpaid \$1.10.

**Testing Fluid** for refill. Specify element.

2 ozs. \$1.00, postpaid \$1.10; 6 ozs. \$2.00, postpaid \$2.10; 1/2 oz. 40c, postpaid 50c.



Spiral wrap  
expands with  
plant's growth

Something new and original. 24 to pkg. with marking Ink and Pen. 85c; postpaid 95c.

## Bamboo Plant Stakes

Pencil thickness, dyed green.

	Doz.	P.P.	100	P.P.
2 ft.....	\$0 20	\$0 30	\$1 00	\$1 15
3 ft.....	25	35	1 50	1 70
4 ft.....	30	40	1 75	1 95

## Tonkin Stakes

Natural color for staking Dahlias, Chrysanthemums, etc.

	Doz.	100
4 ft.....	\$0 90	\$6 75
5 ft.....	1 00	7 50
6 ft.....	1 10	8 25

## Richmond Style Cedar Tubs

Painted  
Green

	Top In.	Bottom In.	Depth In.	Each	Lbs.
No. 3.....	8	7	7 1/2	\$1 00	2 1/2
No. 5.....	10	7 1/2	9	1 25	3
No. 7.....	12	9	11	1 90	4 1/2
No. 9.....	14	11	13	2 70	7
No. 11.....	16	12 1/2	15	3 40	9

If wanted by Parcel Post, include postage.



## LAWN AND GARDEN ACCESSORIES

Add postage. Prices subject to change

### Twines, Raffia, Etc.

**White Cord.** 3-ply, 4-ply and 6-ply, lb. 80c.  
**Jute Twine.** 3-ply and 2-ply. Ball 35c, postpaid 44c.

**Binder Twine.** Standard. 5-lb. ball \$1.25.  
**Fodder Twine or Tarred Sisal.**

Supply doubtful.

**Plow Lines, Cotton.** 14 yds. \$1.25, postpaid \$1.35.

**Garden Line, No. 24.** 150 ft. of good cotton line. 35c, postpaid 40c.

**Red Tape, No. 17.** For tying asparagus. 1000 yards \$3.25, postpaid \$3.35.

**RAFFIA.** For tying anything in the garden. Lb. 75c, postpaid 85c. Hanks contain about 1 lb.; 5 lbs. or more at 65c per lb.  
**Green Raffia.** Lb. \$1.50, postpaid \$1.60; ½lb. 85c, postpaid 95c.

**GRAPE PROTECTING BAGS. No. 2.** Temporarily discontinued.

**GRAFTING WAX.** ¼lb. 35c; ½lb. 50c; lb. 80c. Postage extra.

**Gardex Trowel No. 740.** Steel blade, round point, shank forged on blade. 50c, postpaid 60c.



Fig. 22

**No. 211.** Fig. 22. One-piece Trowel. 90c, postpaid \$1.00.

**No. 215.** 6-in. Trowel. 30c, postpaid 38c.

**No. 217.** Fig. 23. 6-in. Transplanting Trowel. 25c, postpaid 33c.



Fig. 23

### MELCO DELUXE GARDEN TOOLS.

Fig. 23. Made of aluminum; light, strong and lasting. Regular trowel, transplanting trowel, and cultivator, all 11 in. long. \$1.25 each, postpaid \$1.35.

The three tools in a neat gift box, \$3.95, postpaid \$4.10.



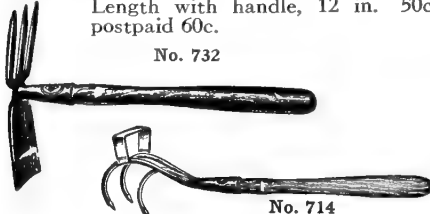
Fig. 24

**Garden Fork or Weeder, No. 300.** Fig. 24. 55c, postpaid 63c.

**Gardex Midget Fork, No. 703.** A handy 3-pronged, short-handled Fork. 35c, postpaid 45c.

**Gardex Midget Culti-Hoe, No. 732.** Length with handle, 12 in. 50c, postpaid 60c.

No. 732



No. 714

**Gardex Midget Culti-Weeder, No. 714.** Weeding blade on one side and 3-pronged cultivator on the other. 3 prongs 2¾ in. wide. Blade 1½ in. wide. Length with handle, 16 in. 50c, postpaid 60c.

**Gardex Midget Rake, No. 715.** Small; handy design. 5 curved teeth. 50c, postpaid 60c.

Due to uncertain conditions at this time all prices on this page subject to change.



Fig. 13

**Magic "EZ" Weeder.** Fig. 13.

**No. A.** 20c, postpaid 28c.

**No. B.** 14-in. handle 30c, postpaid 38c.

**No. D.** Four pronged, with hoe attachment. 40c, postpaid 48c.

**Style F.** 4-prong; 3½-ft. handle. \$1.00, postpaid \$1.10.



No. 751



No. 750

soil, given a quarter turn and then lifted out. This tool leaves the walls of the hole soft and loose.

**Dibble, No. 751.** 11¼ in. overall. 85c, postpaid 95c.

**Hollow Planter, No. 750.** Diam. of hole 1½ in. 80c, postpaid 90c.

**Dibble, No. 218.** Wood handle. \$1.00, postpaid \$1.15.

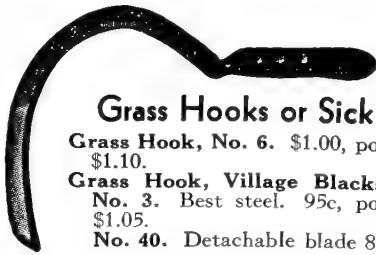
**Hole-in-One Planting Tools.** Especially adapted for bulb plantings. Junior. 75c, postpaid 80c.



Fig. 17

**Asparagus Knife, No. 2500.** Fig. 17. Makes a fine weeder as well. 40c, postpaid 47c.

**Asparagus Buncher.** Ties quickly and uniformly, with knife guard. Weight 8 lbs. \$5.50.



### Grass Hooks or Sickles

**Grass Hook, No. 6.** \$1.00, postpaid \$1.10.

**Grass Hook, Village Blacksmith No. 3.** Best steel. 95c, postpaid \$1.05.

**No. 40.** Detachable blade 85c.

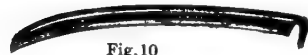


Fig. 10

**Scythes, Grass, American Make.** Fig. 10. 32 and 34 in. long. \$2.50.

**Scythes, Weed and Bush, American Makes.** 18 and 28 in. long. \$2.50.

**Snaths, No. 30.** Extra-heavy construction with swing plate; has a heavy loop bolt. \$3.00, postpaid \$3.15.



**Sickle, 3½-foot Handle Grass and Weed.** Light, strong, durable. The blade, 13 inches long, 2¼ inches wide at the heel, is made of crucible steel, oil-tempered. \$1.00, postpaid \$1.15.

**Talacre Stone.** English pattern imported. 35c, postpaid 47c.

**Scythestone, Canadian.** 35c, postpaid 45c.

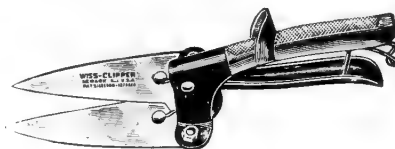


**Graswip, No. 165.** Grass and weed cutter. Double edged, cuts on the forward and backward stroke. \$1.50, postpaid \$1.60.

### Bush and Brush Hooks



**Brush Killer (shown above).** For heavy cutting. 17-inch blade and 36-inch handle. \$3.00, postpaid \$3.15.



Can be taken apart for sharpening.

**No. 700.** Wiss. Level cut. \$1.75, postpaid \$1.85.

**No. 1575.** Long-handled Grass Shears. \$2.50, postpaid \$2.65.

**No. 57.** Special Ezy-Cut. 90c, postpaid \$1.00.

**No. 157.** Improved Ezy-Cut. \$1.40, postpaid \$1.50.



Fig. 1

**No. 5600.** Wiss. Fig. 1. Drop forged from cutlery steel, hardened and tempered, hollow ground. \$2.25, postpaid \$2.35.

**No. 4.** V. B. Grass Shear. Same style as Fig. 1. \$1.25, postpaid \$1.35.



**Grass or Sheep Shears.** Supply doubtful.



Electrimmer



### Electrimmer

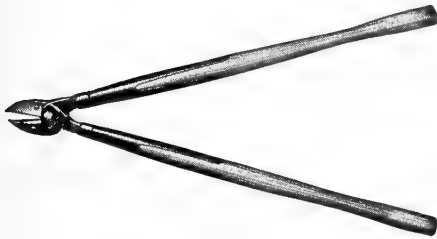
A Real Tool for a Real Job!

Built to give enduring service. Has ¼ H.P. universal motor with die-cast aluminum housing and handy thumb-operated toggle switch. Special alloy gears. Cutter blade, 12 in. long, is made of finest crucible steel. Price, shown below, includes 6 ft. of best rubber-covered cord. \$34.50, postpaid \$34.75.

## WINDOW BOXES, PRUNING TOOLS, SPRINKLERS

**Perfecto Flower Boxes.** Made of metal, painted green. Watertight, with drain screw for excess water. 26 in. \$2.50, postpaid \$2.65; 32 in. \$3.00, postpaid \$3.15.

### Lopping or Pruning Shears



**No. 75. MULTI-POWER PRUNER.** A superior pruner, powerful and clean cutting. Easily cuts 1½ to 2-inch branches. Handle 22 in. long. Overall length 31 in. \$5.00.

**Alligator No. 101.** One hand pruning shear 13 in. long, easy-feel hand grip, for those hard-to-get-at places. \$1.75, postpaid \$1.85.

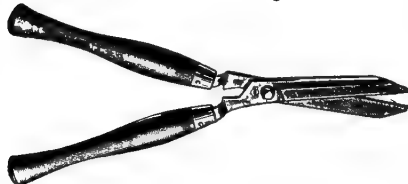
**No. 5409½.** Curved blade and hook. Forged steel. Handles 24 inch, riveted through ferrules and tang. For light work. \$2.25.

**No. 528.** For heavy work. 24-in. steel handle. \$4.00.

Postage on Shears 15c extra.

**No. 149. Snap Cut.** This popular light-weight pruner, featuring powerful action plus ease of operation, is ideal. Cuts 1½-inch limbs easily. All parts replaceable at nominal cost. Length 25 in. \$3.75.

### Multi-Power Hedge Shears



These Shears are made to meet the demand for a better-balanced, easier-cutting, and more durable hedge clipper.

**No. 26N. Multi-Power Shears.** With notch. 6 in. \$1.75; 8 in. \$3.00; 9½ in. \$3.25.

**No. 154N. Lightning Clipper.** Serrated and notched. 8 in. \$3.50; 9½ in. \$3.75.

**No. 38. Corona Hedge Shears.** 8-in. serrated cutting edge. \$2.50.  
Postage on Hedge Shears 15c extra.

### Ezy-Cut Hedge Shears

Well-made, efficient, serviceable Shears, in medium price range.

**14 N-8.** 8-in. blades. \$2.00.

**14 N-9½.** 9½-in. blades. \$2.25.

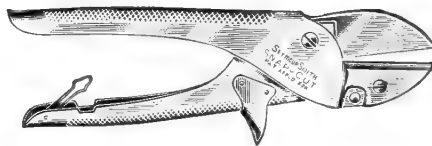


### Hand Pruning Shears

Postage on Shears, 10c extra

**No. 908. Wiss High Power.** Popular with orchardists and nurserymen. \$3.00.

**No. 115.** A good Pruner. 9 in. \$1.00.



**Snap Cut Pruner, No. 119.** An improved easier-cutting Pruner. \$2.00.

**No. 118.** Ladies' size. \$1.25.

**Clipper Pruner, No. 122.** Similar to above, not polished. \$1.40.

**Extra Blades for Snap Cut Pruners, 50c; for other Pruners, 25c, both postpaid.**



**No. 400 Edger**

**Gardex Turf Edger.** You can edge from 900 to 1000 running feet of lawn in an hour with this tool. Designed with a wing blade it cuts horizontally as well as vertically. All you do is push it along with short, even strokes. It also cuts a clean V-shaped groove along sidewalks by tilting it to a 45° angle. **No. 400.** 4½-ft. handle, \$1.75, postpaid \$1.90.

**Planet Jr. Edger, No. 2.** Fig. 18. \$1.75, postpaid \$1.90.

**Turf Edger, No. SL15.** For edging walks. \$1.50, postpaid \$1.65.

**Best Grade Pick.** 7 lb. \$2.25; with handle \$2.90, postpaid \$3.15.

**Best Mattock.** \$2.25; with handle \$2.90, postpaid \$3.15.

**Mattock and Pick Handles.** 65c, postpaid 75c.

**Ax and Hatchet.** See page 48.

**Ax Handles.** 75c, postpaid 85c. Second Grade, 35c, postpaid 45c.



**Fig. 18**

### Pruning Knives

**Pruning Knife No. 1001.** Wood handle. \$1.50, postpaid.

**Budding Knife No. 7894½WPH.** Two blades, \$2.25, postpaid.

**Budding Knife No. S1944WPH.** American make. One blade; white handle. \$1.50, postpaid.

**Budding Knife No. 7164½WPH.** Gardener's pocket knife. Two blades. \$2.25.

### Tree Pruners

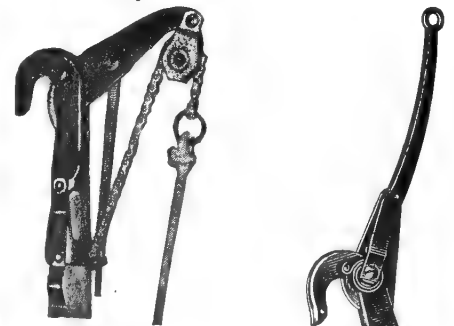
Made of best material. Express or freight only.

**No. 3. Waters Pattern.**

10-ft. handle.....	\$3 00
12-ft. handle.....	3 50
12-ft., 2 section.....	3 75

Not available.

### Telephone Tree Pruner



**Fig. 2**

**Fig. 3.** To be attached to pole. \$2.00, postpaid \$2.10.

**No. 11.** Fig. 2. \$2.50, postpaid \$2.60.

**Fig. 3**

**Solid Poles, without joints.** For pruners, saws, fruit-pickers, window-washers, etc. Sitka or airplane spruce, very strong and light weight. 1½ in. round, 12-ft. lengths, \$1.75; 14-ft., \$2.00. Not available.



**Fig. 4**

**PRUNING SAWS.** Temporarily not available.

**No. 20.** Length 13 in.; curved blade cuts on draw stroke.

**No. 23.** Length 14 in.; curved blade, long handle.

**No. 12.** Length 18 in.; curved blade, double cutting edge.

**No. 11.** Made like a meat saw. [Length 14 in.; adjustable blade.

**No. 3.** Fig. 4. Double edge.

**No. 16. Telephone Pole Saw.** Fast cutting blade.

### Rubber Plant Sprinklers



**Spray Bulb. B.** 8-oz. capacity, 85c; C. 14-oz. capacity, \$1.25. Postpaid, 5c extra.

**Kneeling-Pads.** Found most convenient and serviceable for many uses, in gardening and housekeeping. Made of best Para rubber. 60c, postpaid 70c.

**Knee Guards.** Ideal for all kinds of work requiring kneeling. Made of best-grade rubber. \$1.75 per pr., postpaid \$1.85.



**Watering Can**

Hot dipped. Well made with removable rose.

6-qt.....	\$1 40	10-qt.....	\$1 70
8-qt.....	1 55	12-qt.....	1 85

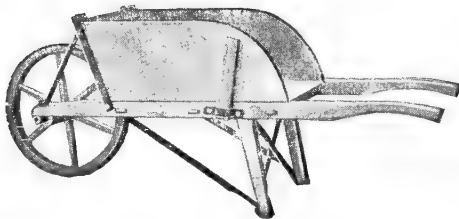
For Parcel Post, add 25c to each.

## GARDEN TOOLS

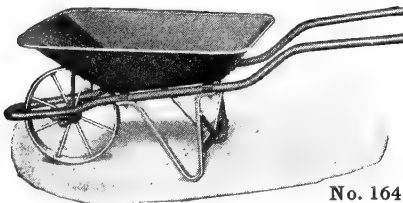
### Leaf-Rack

Leaf-Rack used on any wheelbarrow, for carrying leaves, grass, and rubbish. Holds about 10 bushels. Made extra heavy, with galvanized diamond-mesh wire, bolted to a wood base. \$13.50, not including wheelbarrow.

### Wheelbarrows



**No. 3. Wood.** A durable, neat garden Barrow. Size of body 26 in. long, 19 in. wide in front, 22 in. wide at back. Sideboards, 27 in. long, 12 in. high; handles, 60 in. long; 2-in. tread wheel; 20-in. diameter. \$15.00. Rubber-tired, \$20.00.



No. 164

**No. 154. Steel Tray Barrow.** Hardwood handles. Capacity 4 cu. ft. \$14.80.

**No. 20.** Like above. 3 cu. ft. \$8.30.

**No. 164.** All steel construction. 4 cu. ft. See cut. \$16.30.



Fig. 23



Fig. 4



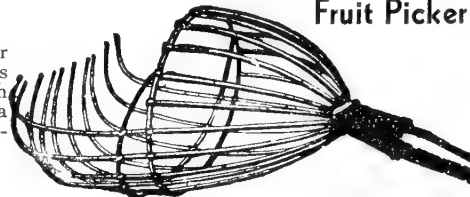
Fig. 5

### Manure and Hay Forks

For Parcel Post, add 15c to each tool

4 tines; D handle.....	\$2 25
4-tine; 4-ft. handle.....	2 20
4-tine; 5-ft. handle.....	2 70
6-tine; D handle.....	2 70
<b>Hay Fork.</b> 3 tine; 6-ft. handle.....	2 45
<b>Ensilage Fork.</b> 6-tine.....	2 25
8-tine.....	4 00
10-tine.....	4 10

### Fruit Picker



The best fruit is always out of reach. As a Fruit Picker it has no superior. It is made of heavy wire and easily adjusted to a pole. 75c, postpaid 85c.



**Sure Grip Weed Puller.** It is the only Weeder made that will pull very small weeds without mutilating a lawn. Speedy in operation as it automatically releases the weed as soon as pulled. It will not clog. Fitted with a 38-inch handle. Supply doubtful.

**Best Grade Ax.** Guaranteed article. \$4.00, postpaid \$4.15.

**Best Hatchets.** \$2.25, postpaid \$2.40.

### HOES



Fig. 1



Fig. 2

<b>Warren Hoe.</b> Heart-shaped.....	\$1 45
<b>Gardex Garden Hoe.</b> No. 906 1/2.....	85
<b>Garden Hoe.</b> Two-prong.....	1 40
<b>Garden Hoe.</b> 6 1/2-in. blade. Fig. 4.....	1 50
<b>Gardex No. 110-5. Pull Hoe.</b> Fig. 1.....	1 50
<b>No. 171. One-pronged Ladies' Hoe.</b> .....	90
<b>Cult. &amp; Weeder.</b> Fig. 2.....	1 35
<b>Light Grubbing</b> (with handle).....	1 60
<b>Potato Hook or 4-prong Hoe.</b> .....	1 50

### SHOVELS

<b>Round point</b> (long handle; best grade).....	2 50
<b>Round point</b> (long handle).....	2 10
<b>No. 2. D handle, square point.</b> .....	2 20
<b>No. 2. Long handle, square point.</b> .....	2 20
<b>No. 6. D handle Scoop Shovel.</b> .....	2 50

### SPADES

<b>Garden Spade.</b> Long handle.....	2 25
<b>Standard Garden.</b> Fig. 5.....	2 30
<b>Heavy Nursery.</b> D handle.....	5 00
<b>Turfing Sod Lifter.</b> .....	3 00

### SPADING FORKS

4-tine; long handle.....	2 00
4-tine; D handle. Fig. 23.....	2 00
<b>Post-Hole Digger No. 35.</b> .....	3 00

### REPAIR HANDLES

<b>Spading Fork Handles.</b> .....	1 10
<b>Hay Fork Handles.</b> .....	90
<b>Hoe Handles.</b> 4 1/2-ft. cap and ferrule.....	45

For postage, add 15c to each

**Gardex Tool Rack No. 950.** Holds 14 long-handled tools. \$5.50. Express only.

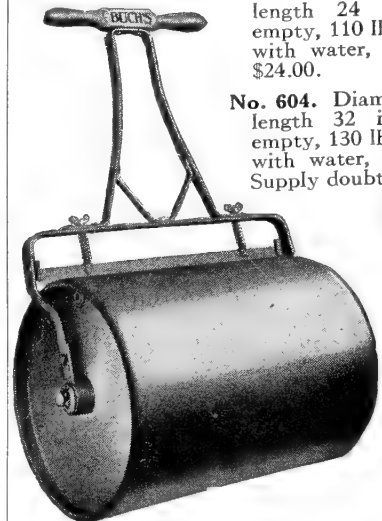
### M.-S. Water Ballast Lawn and Tennis Court Rollers

Equipped with Ball Bearings and Scraper

**No. 602.** Diam. 18 in., length 24 in. Wt., empty, 85 lbs.; filled with water, 265 lbs. \$19.25.

**No. 603.** Diam. 24 in., length 24 in. Wt., empty, 110 lbs.; filled with water, 420 lbs. \$24.00.

**No. 604.** Diam. 24 in., length 32 in. Wt., empty, 130 lbs.; filled with water, 566 lbs. Supply doubtful.



**Cleveland Weed Pulverizer.** Fig. 10. Valuable for extracting weeds from the lawn. \$1.65, postpaid \$1.75.

### Peter Pulverizers

**No. P55.** 5-prong adjustable cultivator. A sturdy and durable tool with the new positive method of adjustment. \$1.59, postpaid \$1.75.

**No. PPP3.** 3-prong adjustable cultivator, ladies' size. \$1.25, postpaid \$1.40.

**No. P2.** 2-prong, not adjustable. Excellent for cultivating narrow-row crops and flowers. 85c, postpaid 95c.



Fig. 10

### Handy Hoe

LENGTH OVERALL — 4 FEET



This narrow blade will cultivate weed spots usually neglected. \$1.00, postpaid \$1.10.

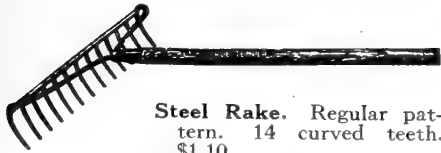


### Speedy Cultivator

Cuts in half the time of cultivating. Makes it a pleasure. \$1.75, postpaid \$1.85.

ALL PRICES SUBJECT TO MARKET CHANGES

## RAKES, LAWN BROOMS, CULTIVATORS, AND DUSTERS



**Steel Rake.** Regular pattern. 14 curved teeth. \$1.10.

**Steel Rake.** Bow pattern. 14-tooth. \$1.85.  
**Rake, Wood.** 24-tooth. \$1.50.

**Steel Rake.** For ladies; 10-tooth. \$1.00.

**Gardex Scuffle Hoe, No. 4107.** This push-type Hoe is a favorite for cutting weeds in driveways, close to buildings and other places where ordinary hoes are unsatisfactory. The blade is made of special high-grade steel that will stand up and stay sharp under the hardest kind of treatment. Blade 7 in. wide; 5-ft. handle, \$1.35, postpaid \$1.50.



**No. 403 Gardex Lawn Sweep** with flat, flexible tines made of special tempered spring steel. Flexible tines do not tear up grass roots or injure lawn. Concave arched construction makes all 22 tines touch the lawn, thus utilizing full width of broom. 18 in. wide with 42-in. handle, \$1.35, postpaid \$1.50.

**Bamboo Lawn Broom.** 18 in. wide, well made and serviceable. 85c.



**Pelican Pick-Up Rake.** The new broom Rake that sweeps clean—picks up leaves, grass or trash, and deposits in container without bending or stooping. Every user is enthusiastic about this sensational new broom Rake. \$1.75, postpaid \$1.95.

**Disston Steel Lawn Rake.** The finest lawn Rake ever made. No stooping, no bending—just sweep your lawn as with a broom, and off comes the dead grass and leaves without tearing up surface roots. The Disston Rake has teeth of special flat spring steel, oil tempered and hardened for resiliency and resistance to wear. They will not wear sharp in use. 18 teeth, \$2.00; 24 teeth, \$2.75.

**Gardex Cultivator No. 163-5.** This improved Cultivator hoes light and medium soils rapidly and easily. 5 prongs, 5-ft. handle, \$2.20, postpaid \$2.45.



Fig. 1

**No. 1605.** 5-prong. Fig. 1 can be quickly changed to 1, 2, 3, 4 or 5-pronged tool. \$1.50.

**Gardex Cultivator No. 1553.** 3-prong. \$1.45, postpaid \$1.50.

### Gardex Hand Plow

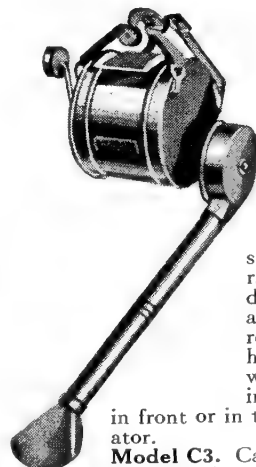
**No. 200-6.** For opening and covering furrows, hilling corn, potatoes, etc., making irrigation ditches around gardens and for bulb-planting. With one easy trip across your garden pulling the Plow behind you, you have a clean, open furrow, ready for planting. Easy to hill your plants in one-fifth of the time and without damaging the roots. 6 in. wide; 5-ft. handle. \$1.75, postpaid \$1.90.



### Root Traction Duster

The new Root Two Row Duster is the most practical, efficient, and economical Duster ever built for crops on small acreage. Saves time, dust, and money. Supplies a long-felt need for a Duster to replace the slow, laborious, crank-type machine. Takes the backache out of dusting. Traction powered; extremely easy to operate; produces a strong, steady stream of dust from nozzles adjustable to plants as high as 30 inches. Handles are adjustable to suit operator. Hopper capacity, up to 25 lbs., net weight 58 pounds.

**Model T-44.** With rubber tires \$80.00.



### Root Challenge Duster

Provides a constant mechanical agitation. For most dusting it is necessary to open the feed, opening only a small part of its range, but the additional capacity is available for those requiring extremely heavy dusting or with the slower-feeding dusts. Will dust in front or in the rear of the operator.

**Model C3.** Capacity 7½ pounds. Feed adjustment 1 to 25 pounds per acre. Weight 15 pounds. \$22.20, postpaid \$22.45. Flexible Y tubes for dusting two rows included.

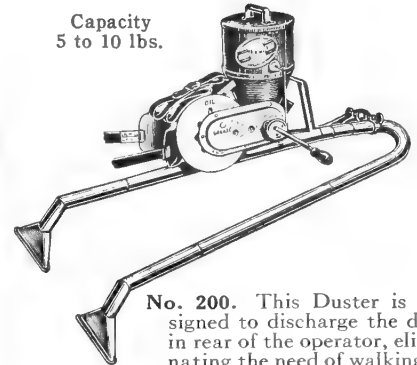


### Root Dusters

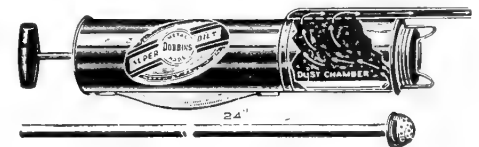
**Model P-1.** Small, light-weight, durable garden Duster. The patented nozzle can be adjusted to dust underside of foliage as well as the top. This Duster gives strong, even distribution. \$1.65, postpaid \$1.75.  
**Model P-2.** Jumbo. \$3.05, postpaid \$3.20.

### Dobbins Dusters

Capacity  
5 to 10 lbs.



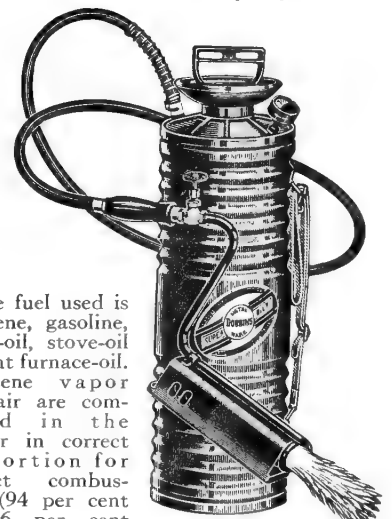
**No. 200.** This Duster is designed to discharge the dust in rear of the operator, eliminating the need of walking in the dust and the possibility of inhaling poisonous insecticides. Held securely in position by body support with shoulder and waist-straps. Any angle of discharge can be maintained and can be quickly adjusted to meet any condition. Can also be used to discharge in front of the operator. Weight 11 lbs. \$15.00, postpaid \$15.25.



No. 132

**No. 132.** Equipped with 24-inch extension. \$1.35, postpaid \$1.45.

### Dobbins Flame Sprayer



The fuel used is kerosene, gasoline, range-oil, stove-oil or light furnace-oil. Kerosene vapor and air are combined in the burner in correct proportion for perfect combustion (94 per cent air, 6 per cent kerosene), producing a powerful, reddish blue flame, 3 inches in diameter, 30 inches long—of intense heat, 2000° F. Size of flame is easily controlled by a regulating valve. It is absolutely safe! Very economical to operate, as the average oil-consumption is only 1½ gallons per hour.

**No. 210.** 4-gal. tank. \$19.25, postpaid \$19.75.



## SPRAYERS FOR ANY PURPOSE

### Dobbins Superbilt Sprayers

#### Big Head Sprayer

Made of heavy galvanized steel or sheet copper. The high-pressure unit pump is equipped with a self-lubricating pressure seal-valve plunger that develops many times more air per stroke than any Sprayer pump made. Brass automatic shut-off with trigger spray lock and a chemical-proof air-valve.

All Sprayers are equipped with best-grade hose with Aphis Angle Nozzle, heavy brass extension rod, heavy wide carrying strap. Will handle all spray solutions.

**No. 44G. Big Head.** Galvanized tank. Cap., 4 gals. \$10.10, postpaid \$10.30.

**No. 44B. Brass Tank.** Not available.

**No. 34G. Big Head.** Galvanized tank. Cap., 3½ gals. \$7.90, postpaid \$8.00.

**No. 21G. Fun-L-Fill.** Plain galvanized tank. Cap., 3½ gals. \$6.90, postpaid \$7.10.

**No. 22GF.** Sturdy, funnel-top, compressed air Sprayer. Cap., 3½ gals. Equipped with 23-inch hose and 24-inch extension pipe. Galvanized tank. \$7.75, ppd. \$7.95.

#### High-Pressure Knapsack Sprayer

**No. 45GA.** Galvanized tank. Extremely high continuous pressure. Right or left-hand operation. Capacity, 4 gallons. Weight, 15 lbs. \$23.25, postpaid \$23.50.

#### Arnold Garden Hose Insecticide Sprayer

Acclaimed by amateur gardeners and garden clubs as the easiest to operate, and the most labor-saving spraying device they have ever used to control garden insects and plant diseases in the home garden.

Just insert cartridge, connect to garden hose, and turn on the faucet.

**Arnold Garden Hose Sprayer.** Chrome finish. \$4.50, postpaid \$4.70. With Adjustable Nozzle. \$5.50, postpaid \$5.70.

**36-in. Straight Extension.** Chrome finish. \$1.75, postpaid \$1.90.

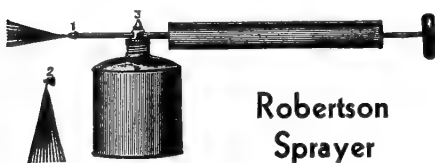
**Transparent Chamber and Coupling.** \$2.00, postpaid \$2.10.

**Coupling only.** 75c, postpaid 80c.

**Transparent Chamber Only.** \$1.50, postpaid \$1.60.

**Victory Sprayer (Plastic).** 75c, postpaid 80c.

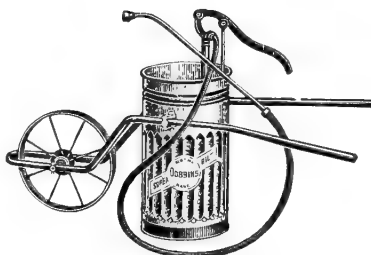
For Cartridges see page 42.



**Robertson  
Sprayer**

A very efficient hand Sprayer. Has two nozzles as illustrated. Continuous. Tin pump and galvanized iron container. \$1.15; postpaid \$1.25.

### Wheelbarrow Sprayer



**No. 3170.** An efficient portable spraying outfit for all kinds of spraying in the field, orchard, and garden, also for spraying whitewash, cold-water paints, and disinfectants. Capacity 12 gallons. Equipped with 6 feet of ¾-inch high-pressure spray hose, automatic shut-off, and 2-foot brass extension. Shipping weight 42 pounds. \$18.85.

**No. 3171.** Like above with pressure tank. \$28.80.

**No. 4193R with gasoline engine.** A portable power Sprayer of the wheelbarrow type. Capacity 18 gallons. Fills the demand for high-pressure service. With 1½ H. P. Engine, pneumatic-tired wheels. \$147.00.

#### Spray Pump Accessories



No. 93



No. 71-T

**No. 90A.** Swivel Nozzle, no spray cap. 90c, postpaid 95c.

**No. 59N.** Straight Nozzle Cap. 60c, postpaid 65c.

**No. 71-T.** Automatic Nozzle. \$1.50, postpaid \$1.55.

**No. 84T.** Automatic Nozzle with hose, coil spring, and clamp. \$2.00, postpaid \$2.15.

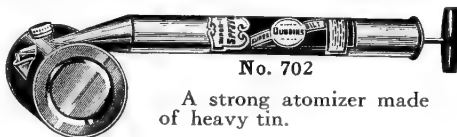
**No. 93.** Bordeaux Nozzle. \$1.10, postpaid \$1.15.

**No. 74A.** 2-ft. Brass Extension. Straight. 50c; postpaid 60c.

**No. 74C.** Curved. 55c, postpaid 65c.

**No. 92.** Vermorel Nozzle. All brass. \$1.15, postpaid \$1.20.

**No. B56-Y.** Fitting for two spray nozzles; spray interlocks slightly and gives wide coverage. 70c, postpaid 80c.



No. 702

A strong atomizer made of heavy tin.

**No. 702.** Quart size, 50c, postpaid 60c.

**No. 710.** 10-oz. size, 40c, postpaid 50c.

**Spray Hose.** ¾-in., 200-lb. pressure, 15c per ft. ½-in., 200-lb. pressure, 25c per ft. ½-in., 800-lb. pressure, 40c per ft., postpaid. ½-in. Clamps. 5c each, 50c per doz. ½-in. Hose Couplings. 70c per pair.

**No. 43G.** 3-quart size. A large-capacity lever-controlled sprayer. Can be operated as a pressure sprayer by pumping to high pressure, or as a continuous sprayer by holding nozzle lever down while pumping.

Delivers a very forceful, finely atomized spray. Suitable for all oil sprays, chemicals, disinfectants and insecticides, free from sediment. Smooth, easy-operating pump. \$3.35, postpaid \$3.50.

### PARAGON SPRAYERS

*For Spraying Whitewash, Water Paint, Insecticide. No Straining of Materials; Cleans Automatically*

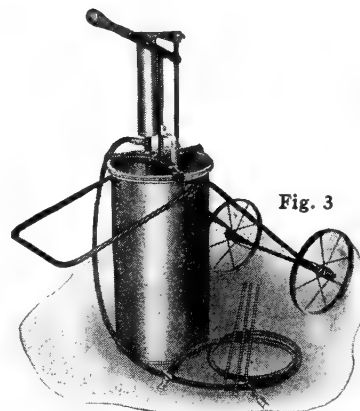


Fig. 3

**No. 2.** (6 gal.) Equipped with Air Gauge and 10-ft. hose, 5-ft. Spray Pipe, 3 Nozzles. 2-wheel steel truck \$30.00; without truck \$26.00.

**No. 3.** (12 gal.) Equipment furnished: 10-ft. Special Spray Hose; 7½-ft. Spray Pipe, total reach 17½ ft. Shut-off Valve; 3 Spray Nozzles. Complete with 2-wheel truck, \$30.00, without truck \$26.00. Fig. 3.

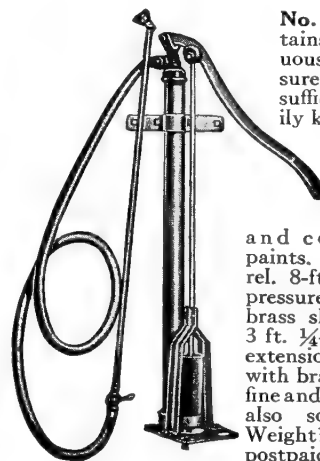
**No. 4.** (28 gal.) Equipment furnished: 20-ft. Special Spray Hose; 10-ft. Spray Pipe; Shut-off Valve; 3 Spray Nozzles and barrel, on wheels. Complete \$49.75.

**No. 5** (50 gal.) 25-ft. Hose, 10-ft. Extension Pipe, one three-way and one single Spray Nozzle and barrel on wheels. \$57.75.

Air Gauge for any of the 3 Sprayers, \$3.50.

**Paragon Power Sprayer.** Complete, capacity 20 gallons, 1 H. P. Gas Engine or ½ H. P. Electric Motor, Air Gauge, relief valve, 25 feet of hose, 2 extension pipes and nozzles, pneumatic rubber tired wheels and rubber tired third wheel. The width is 26in. at the widest point, can be reduced to 21in. Shipping weight about 300 lbs. \$245.00

#### Barrel Spray Pump



**No. 3160.** Maintains a continuous high pressure of 200 lbs., sufficient to easily keep two lines of hose in operation continuously. Will spray whitewash and cold-water paints. Fits any barrel. 8-ft. ½-in. high-pressure hose; ¼-in. brass shut-off cock; 3 ft. ½-in. iron pipe extension, equipped with brass nozzle for fine and coarse spray, also solid stream. Weight 31 lbs. \$14.80, postpaid \$15.20.

**No. 3175.** Heavy duty. Continuous high pressure up to 300 lbs. Sufficient to maintain two hose lines in operation. \$29.20, postpaid \$30.00.

**Niagara Spraying Materials, which are most reliable, are listed on page 42**

ALL PRICES SUBJECT TO MARKET CHANGES

## LAWN SPRINKLERS, GARDEN HOSE, AND BEETLE TRAPS



### Japanese Beetle Traps

**No. 4.** \$1.10, postpaid \$1.22.

**Iron Stand.** 35c, postpaid 50c.

**Perforated Cages.** Cap. 1½ qts. 40c, postpaid 48c.

**G. & O. Trap with Bait.** 85c, postpaid 95c.

**Perforated Containers.** 25c, postpaid 30c.

**Iron Stand.** 35c, ppd. 50c. Complete Trap \$1.35, ppd. \$1.55.

For Bait see page 42.

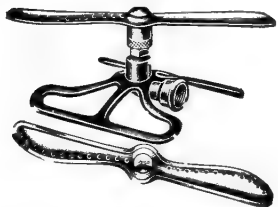
### Soil-Soaker



Puts water where you want it—all soaks to the roots. Made of mildew-resistant canvas; one end screws to water-hose, other end closed. No waste on walks or driveways.

<b>No. 0.</b> 12-ft.	.....	\$1 65	\$1 75
<b>No. 1.</b> 18-ft.	.....	2 20	2 30
<b>No. 2.</b> 30-ft.	.....	3 40	3 50
<b>No. 3.</b> 50-ft.	.....	5 50	5 65

### Aero Mist Sprinkler



Sprinkler is in operation. The spray is mist-like in texture and covers a large area. Can be operated on any kind of pressure without adjustment. \$1.50, postpaid \$1.60.



### Shrubby Protector

**TO KEEP  
DOGS AWAY**

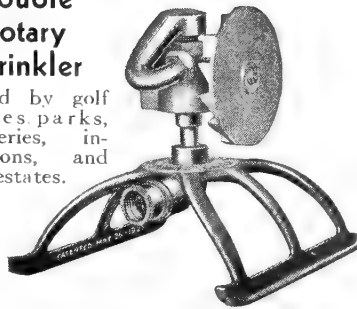
Each Protector has 3 prongs spread out to protect 2½ lineal feet of shrubbery; inconspicuous and inexpensive. 30c each; \$3.00 per doz., postpaid \$3.10.

### Fountain Sprinklers

Made of heavy brass. \$1.25, postpaid \$1.35.  
**Half-Circle Sprinkler.** \$1.00, postpaid \$1.10.  
**Belfont Sprinkler.** Makes a gentle rain. Made of aluminum and brass, covers 27-ft. diameter; no wash or puddles. 75c, postpaid 85c.

### Double Rotary Sprinkler

Used by golf courses, parks, cemeteries, institutions, and large estates.



It sprinkles uniformly any circular area up to 80 feet in diameter—more than 5000 square feet. Easily adjusted to cover areas down to 15 feet in diameter.

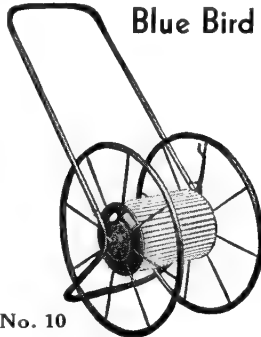
**Model H.** ..... \$13 50  
**Junior.** ..... 9 00

If to be sent postpaid, add 25c each

### Holland Rotary Sprinkler

\$1.25. Postpaid, \$1.35

### Blue Bird Hose Reels



All steel. Capacity 75 ft. \$4.00.

**No. 10 Tubular Hose Reel.** Capacity 100 ft. \$6.25.

Hose Reels not available.

**No. 10**

**Real - Reel.** The only portable Reel permitting water to run through the reeled-up hose. Saves time and work; holds 150 ft. of hose. \$12.95.

### Eas-E-Go Nozzles, Couplings and Menders

**Senior Hose Nozzle.** 75c, postpaid 85c.  
**Junior Hose Nozzle.** 50c, postpaid 60c.  
**Complete Coupling.** \$1.00, postpaid \$1.10.  
**Connector, Male and Female.** 85c, postpaid 95c.

**The above for standard ½-in. hose.**  
**Adjusto-Spray.** Nozzle and Lawn Sprinkler combined. Takes the place of watering cans. \$1.39. For postage add 15c to each.

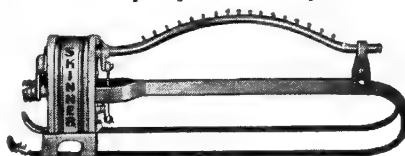
### Accessories

**Rapid Hose Mender.** 15c, postpaid 18c.  
**Rapid Hose Coupler.** No bands required. 25c per pair, postpaid 30c.  
**Hose Bands.** For ¾-, ½-, ¼-in. hose. 5c each; 50c per doz., postpaid 55c.  
**Hose Washers.** 10c per doz., postpaid 12c.  
**Hose Nozzle Dart.** All brass. 75c, ppd. 85c.

### Hydro Garden Irrigator

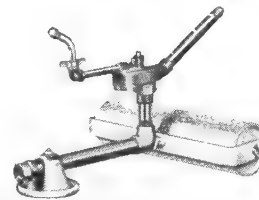
To be attached to hose. Thorough, gentle, quick. \$2.95.

### Skinner Spray Wave Sprinkler



A huge fan of fine sprays swings back and forth covering 40 x 50 ft. Adjustable swing. Weight 10 lbs. Uses 5 gallons per minute. Operates on ordinary city pressures. \$22.50, postpaid \$22.70.

### Roto-Spray Sprinkler

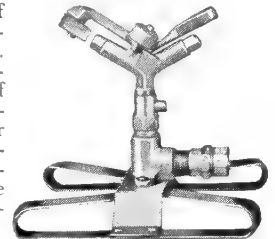


Ideal for greens and tees. Covers a 75-foot circle. \$15.25 complete.

A slow-motion, revolving Sprinkler. All brass, simple, efficient, uniform watering. Main nozzle delivers long-throw finely broken stream. Secondary nozzle for watering inner area, also provides adjustable driving power. Rubber-tired vibrator in easily accessible chamber. Affords positive action at slow speed.

### Skinner Utility Sprinkler

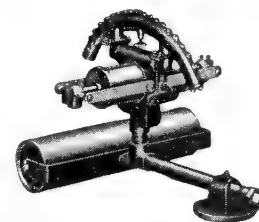
Simple, foolproof slow motion revolving Sprinkler. Operates by repeated impact of swinging arm, actuated by water issuing from secondary nozzle. An effective, dependable and positive Sprinkler.



Catalog Number	Main Nozzle	Pressure Lbs.	Diameter Coverage	Gallons Per Min.
SA ¾"	5/16"	20-35	75-85	6-7.5
	3/16"	25-45	82-97	8-10.5

Price—Head Only ..... \$7 75  
On Gal. Skid Base ..... 11 75  
On Roller Base ..... 13 75

### The Rain Wave



Big brother to Spray Wave. Covers slightly larger area. 50 x 50 ft. to 60 x 60 ft. Suitable also for hoseless irrigation systems. Wt. 19 lbs. Uses 5 gallons per minute. Operates on usual city pressures. Available as a complete unit, or head only mounted on a special coupler for hoseless irrigation. \$42.50.

### Water Gyro

Lawn and Garden Sprinkler to water efficiently lawn and garden areas of various shapes and sizes. Turns slowly. Full directions with Sprinkler. \$14.95, postpaid \$15.15.

### Garden Hose

**Surprise.** ¾-in. high-grade rubber Hose. Flat corrugation. Green; 2 braids. 25 ft. coupled, \$4.25; 50 ft. \$8.00.

**Phidel.** ¾-in. medium grade. Heavy ribbed corrugation. 1 braid; red. 25 ft. coupled, \$3.50; 50 ft. \$6.25.

### Blue Plastic Hose

¾-in., 50 ft., \$24.50, postpaid \$24.75.  
5/8-in., 50 ft., \$12.95, postpaid \$13.20. ¾-in. 25 ft., \$6.95, postpaid \$7.10.

**SNAP-TITE HOSE COUPLING.** Snap on and off faucet in a second. Complete 98c, postpaid \$1.05. Extra faucet nipples 24c, postpaid, 26c.

## JACOBSEN GASOLINE POWER AND HAND MOWERS

### BANTAM

The new Bantam with its 18-inch cut is just the size required on lawns where the weekly mowing job becomes a burden or takes up too much time with the average hand mower. \$117.50.



**THE  
LAWN QUEEN**

### LAWN QUEEN

The improved Lawn Queen with its 20-inch cut is just the size for the larger lawn. \$137.50.

### Roller Type Models

#### PARK 30

This machine replaces the Four-Acre, which has been discontinued. It has many advantages to offer, such as being equipped with 3 H.P. engine, 5-blade all-steel reel, finger-tip control clutch. Cutting height  $\frac{3}{8}$  to  $2\frac{3}{4}$  in. Capacity 4 to 7 acres per day. Net weight 340 lbs. \$395.00.

**24-inch Estate Power Mower**, two traction rollers, standard equipment. \$275.00.

**RIDING SULKY** for Lawn King and Roller Type Mowers. \$50.00.

### JACOBSEN ALL-STEEL HAND MOWER

The rigid steel cutter bar with its rigid die steel knife will not give under cutting pressure like a less rigid bar with a spring steel knife. The grass cannot wedge between, so it is not necessary to back up and

get a new start every few feet. Jacobsen pressed steel Lawn Mowers are more expensive to make because of quality and accuracy built into them, the very properties which make them efficient, long-wearing, and easy-running mowers, yet they cost no more than good cast mowers. Especially recommended for estates, golf courses and cemeteries. Equipped with solid cushion rubber tires. 1-in. cut. 5 blades, 18-in. cut, \$30.50; 16-in. cut \$29.50.

### LAWN KING

The streamlined Lawn King with 26-inch cut is expressly designed to give utmost satisfaction on larger lawns. Has plenty of power, is easy running and a pleasure to handle. \$275.00.



**The New  
Jacobsen Mower**



### STANLEY ELECTRIC TRIMMER

The Stanley Grassshear No. 199 is a nicely balanced, lightweight Trimmer that does an hour's work in ten minutes. It trims the grass right where it's hardest to get—around trees, shrubs and flower beds; edging of walks and between flagstones; around

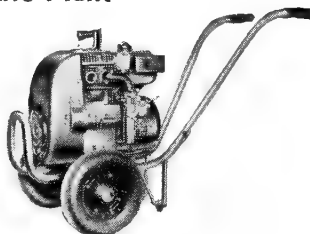
headstones, monuments and memorials; on banks and slopes; edges of traps on golf courses; around tennis courts, park benches; around the foundations of homes and public buildings.

**No. 199 Grassshear** operates on 110-volt AC or DC, 60 cycles or less, from any electric outlet or from a portable generator. Consists of 1 Grassshear, 1 extra set of brushes, 1 box of three blades. Complete, \$66.50.

**EXTRA EQUIPMENT.** Grassshear can be furnished with 50 ft., 100 ft., 150 ft. of cable; three-wire (1 wire grounded) as specified. Screw-in connection on the Grassshear end, two-prong on power end.  
50 ft. with connections, \$8.85.  
100 ft. with connections, \$12.65.  
150 ft. with connections, \$16.50.

### Onan Electric Plant

Used for generating current to operate one or two Stanley Trimmers. Model 68 AL-10, 600-watt, DC plant, \$166.00. Dolly \$35.00.



### Macmillan Ring-Free Motor Oil

A high-grade lubricant, well adapted for power-mower lubrication. Greater film strength, higher heat resistance, longer cling to metal, faster penetration. Removes carbon and is not corrosive. Qt. 35c, postpaid 45c; 5 qts. \$1.75, postpaid \$1.95; 5 gals. \$7.00.

### GWYN MOWER→

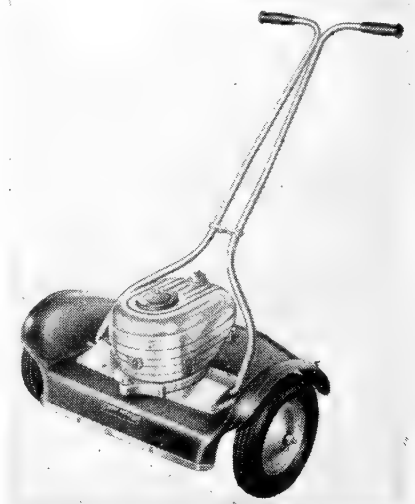
An amazing new rotary Power Mower. Cuts grass of any height in any place. Easily handled, as easy to roll as a vacuum cleaner; a child can operate it. 2.5 H.P., 24-in. rotary cut. \$200.00.

### Grass Catchers for Hand Mowers

Designed to fit any size or style lawn mower. Made of strong canvas and galvanized steel bottom.

**No. 11342.** 16 to 20-in. Mower. \$2.85, postpaid \$3.00.

**No. 11131.** 12 to 16-in. Mower. \$2.40, postpaid \$2.55.



### Pennsylvania Hand Lawn Mowers

**GREAT AMERICAN.** Chosen by those who know the best for the job that demands the best.

15-in. cut, 10-in. R. T. Wheel, 5 blade, \$25.75.

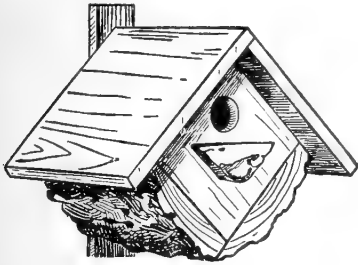
17-in. cut, 10-in. R. T. Wheel, 5 blade, \$27.50.

19-in. cut, 10-in. R. T. Wheel, 5 blade, \$30.00.

**PENNSYLVANIA JUNIOR.** For precision. Sturdily constructed and finely machined parts. 17-in. cut, 10-in. R. T. Wheel, 5 blade, \$34.95.

**PENNSYLVANIA TRIMMER AND EDGER.** Saves time and labor for the gardener. 6-in. cut, \$19.95.

**SERVICE DEPARTMENT.** Our Service Department is thoroughly equipped with the most modern machinery to give prompt and efficient service by our skilled mechanics. We repair, sharpen, or adjust any model Power or Hand Mower. All work called for and delivered. Get our estimates on your requirements.



Wren House No. 31

## Rustic Bird-Houses and Feeders WREN HOUSES

**No. 1.** Intended to be hung from the branch of a tree. The roof is fastened with screws so that the house may be opened for cleaning. Length: 8 inches. \$2.25, postpaid \$2.35.

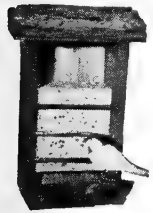
**No. 35.** A neat home of cypress and roofing material. May be hung any place. For cleaning simply loosen the two screws which hold the bottom strip. Length: 8 inches. 80c, postpaid 90c.

**No. 31.** Rustic hemlock. Fasten to tree, arbor, or building. Side removable for cleaning. Size: 8 inches. \$1.75, postpaid \$1.85.

## HOUSES FOR BLUEBIRDS, SWALLOWS, ETC.

**No. 7.** May be mounted on pole or hung from tree. Hinged side. Height: 10½ inches. \$2.75, postpaid \$2.85.

**No. 4.** Made of winter-cut hemlock. This style is intended to be fastened against the trunk of a tree. The roof may be removed for cleaning. Height: 10 inches. \$3.00, postpaid \$3.10.



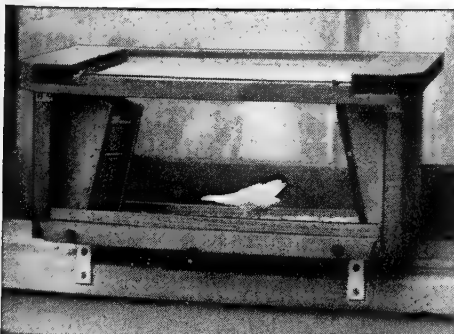
No. 101

**No. 110. Combination Shelter.** In the winter it serves as a feeding station, in summer as a nesting-shelter for robins. The suet basket is removable. Trimmed with rustic hemlock. Size: 10 inches. \$2.90, postpaid \$3.00.



No. 104

**Seed Feeders. No. 104.** \$2.75, postpaid \$2.90. **No. 116.** \$1.00, postpaid \$1.10.



**Window Feeders. No. 124.** Glass Top. For attaching to sill. \$4.25, postpaid \$4.50.  
**Turnbul Electric Water Heaters.** Keeps water from freezing in the bird bath. \$4.00, postpaid \$4.10.

**Chickadee Diner** for clinging birds, filled. No. C.D.A. \$1.25, postpaid \$1.40.

**Community Diner** for clinging and perching birds. No. C.D.D. \$1.50, postpaid \$1.65.

Refills. Box of 24. \$1.25, postpaid \$1.37.

**Bird Banquet**, pressed peanut and suet cake. **Bird Snack**, special blend of pure suet with choice grains and berries. Either, 35c, postpaid 40c. Either cake may be obtained in carton of 12 for \$3.75, postpaid \$4.00.

**Bishop Wild Bird Cake.** Consisting of suet, seeds and berries. Each 40c, postpaid 50c; doz. \$4.50, postpaid \$4.70.

**Suet and Bird Cake Basket. No. 114.** 40c, postpaid 50c.

**Suet and Bird Cake Rack. No. 101.** Made of wood. Protects food from weather. \$1.25, postpaid \$1.35.

**M.-S. Mixture Wild Bird Food.** Lb. 15c.

**Sunflower Seed.** Lb. 25c. No. C.D.A.

All feeds subject to market change; if to be sent postpaid, add postage.

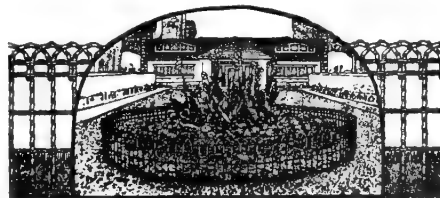


## Wall Nails

For fastening climbing vines. Equipped with a soft metal clasp which holds the vine against the wall. Box of 25 assorted sizes. 75c, postpaid 85c.

## Vine Supports

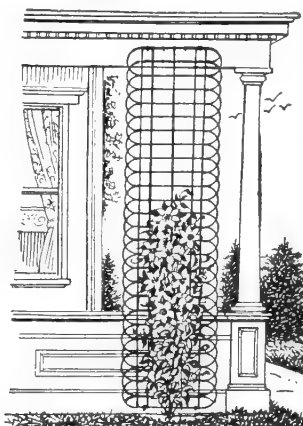
For training ivy, roses, and all other climbing vines on brick, stone, cement, wood, or any type wall surface without defacing it. Box of 25, including cement, \$1.25, postpaid.



## Flower-Bed Guard

Fits any shape or size of flower-bed. No posts required. Cut to any length. Bottom of pickets left straight to be inserted in the ground. Made in 3 heights. Per lineal foot: 16-in., 10c; 22-in., 11c; 28-in., 12c. Not available.

## Wire Trellis



Cut to any length; fits any porch. Furnished in 2 widths. Per lineal foot: 18-in., 12c; 24-in. 13c. Not available.

## Butter Churns

**No. 1 Cylinder Churn.** Capacity 3 gallons. \$6.00, postpaid \$6.75.

## Hotbed Mats, Sash and Glass

**Hotbed Mats.** 76 x 84 in. covers 2 sash, \$5.50. Special prices in quantity. Express or Freight.

**Hotbed Glass.** Box of 90 panes, 8 x 10 in., \$6.25; less than box lots, 9c per pane. Price subject to change. Express or Freight.

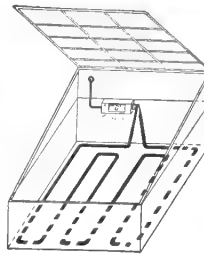
**Cel-O-Glass.** See page 60.

**Hotbed Sash.** Supply doubtful.

**Peerless Glazing Points.** The finest Glazing Points on the market. Box of 1000, 85c, postpaid 95c.

## "GRO-QUICK" ELECTRIC SEED BED HEATER

Be a month ahead of neighboring gardens



For outdoor starting of plants. Enables you to transplant several weeks ahead of the regular planting season. Also for forcing early flowers and vegetables outdoors. Outdoor-started plants excel in vigor and thrifty growth, and they transplant with minimum shock.

**Senior Size.** Complete with thermostat and 80 ft. of 400-watt heating cable, sufficient for two 3 x 6 hotbeds. \$6.95, postpaid \$7.10.

**Junior Size.** Complete with thermostat and 40 ft. of 200-watt heating cable, sufficient for one 3 x 6 hotbed. \$5.35, postpaid \$5.45.

**Thermostat.** Only 1000 watt, 115 volt. \$3.75, postpaid \$3.85.

**Senior Cable.** Only 80 ft. \$3.20, postpaid \$3.30.

**Junior Cable.** Only 40 ft. \$1.60, postpaid \$1.70.

## DAIRY SUPPLIES

### Bag Balm

For all diseases of the cow's udder and teats. 75c, postpaid 85c.



### Kow-Kare

The great cow tonic and conditioner. 75c, postpaid 85c; 2¼ lbs. \$1.35, postpaid \$1.40.

### Bag Balm Dilators

For injured teats, hard milkers, etc. 75c, postpaid 85c.

### Kees Calf and Cow Weaners

**No. 525.** Calf-size. 50c, postpaid 55c.

**No. 526.** Cow-size. 60c, postpaid 65c.

### Bull and Hog Rings

**Hog Rings.** To prevent rooting. Made of copper. 100 rings. 30c, postpaid 35c.

**Hog Ringer.** 40c, postpaid 50c.

**Bull Rings.** Polished copper. Heavy ¾-in. copper. 3 in. in diam. 50c, postpaid 55c.

**Bull Rings (Cannon Ball).** Heavy ¾-in. bronze. \$1.50, postpaid \$1.55.



### Thermometers

**Dairy Thermometer. No. 5715.** Floating. 85c, postpaid 95c.

**Household Thermometer. No. 5140.** 75c, postpaid 85c.

**Hotbed Thermometer.** Brass point. Temporarily discontinued.

**Self-regulating Hothouse Thermometer. No. 5448.** Economical. \$10.00, postpaid \$10.15.

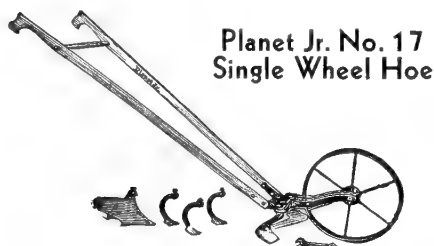


# OLIVER PLOWS AND REPAIRS

	Wood or Steel Beam Plow	Shares	Slip Shares	Lands	Mould- boards
No. AC		\$0 60	\$0 80	\$0 90	\$2 30
No. BC-N		75	95	1 15	2 90
No. 10-N		90	1 10	1 40	3 50
No. 13-N		1 00	1 20	1 60	4 20
No. 19-N	Prices on	1 10	1 30	1 70	5 15
No. 20-N	request if	1 15	1 35	1 95	5 45
No. E	available	1 35	1 50	2 10	6 00
No. 40-N		1 35	1 50	2 10	6 00
No. 83		1 35			7 15
No. 84-88. 12 in.		1 50	No. F 926 A	1 85	8 00
No. 84-88. 14 in.		1 50	No. F 905	90	



Bolts for Shares, Molds and Lands, 10c each.



**Planet Jr. No. 17  
Single Wheel Hoe**

The Planet Jr. No. 17 is the most popular cultivator for home gardeners as it includes all the necessary equipment as illustrated above. Weight 22 pounds. \$10.85.

No. 18. **Single Wheel**, hoes only. \$8.40.  
No. 12. **Double and Single Wheel**, 4 cultivator teeth, 2 plows, 2 hoes and 2 leaf lifters. \$15.70.

No. 13. **Double Wheel**, hoes only. \$12.00.

### Wheel Hoe Repairs

S100/S101. 3 or 4½-in. Hoe. \$1.45 per pr.  
S100/S101. 6-in. Hoe. \$1.60 per pr.  
No. R6. Plow for Single Wheel Hoe. \$1.40.  
No. 1704. Plow without landside. 50c.  
No. 1395. Cultivator Teeth for Hand Hoe. 45c each.  
No. 7563X. Five-Prong Weeder. \$1.80.

### Garbage Pails

Standard Pails with heavy cover locking bail. Deep close-fitting cover with wire beaded edge. Has comfortable welded handle and ventilating hole. Deep foot raises bottom off ground. Bottom double seamed into body.

No. 110. 14 x 18 in. Capacity 10 gals. \$1.85, postpaid \$2.10.

No. 120. Capacity 20 gals. \$3.00, postpaid \$3.50.

## The Planet Jr. Tractor

For a really low-cost all-round gardening outfit, the Planet Jr. Tractor can save you untold hours of time and work and will pay for itself many times over. Light in weight, exceedingly simple to operate.

An efficient motor furnishes an astonishing amount of power for cultivating, plowing, harrowing, lawn-mowing and field-mowing. Send for complete catalog showing the Planet Jr. Tractor and all attachments.

**Model B-P1.** Has a 1½ H.P. motor. Complete with cultivator gang and 6 teeth. \$190.50.

**AB 56.** Field Mower attachment. \$73.85.

**Model HB.** Has a 3 H. P. motor. \$411.50.

**HB 57.** Field Mower attachment. \$139.25.

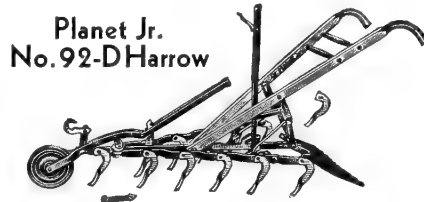
### Seeders and Distributors

No. 300A. **Drill Seeder**.....\$27 50

No. 4. **Seeder and Cultivator**..... 25 40

No. 4D. **Plain Seeder**..... 20 30

No. 220. **Fertilizer Distributor**... 38 00



**Planet Jr.  
No. 92-D Harrow**

Has a plain expander, no pulverizer and no wheel, although they can be added at any time. \$13.25.

No. 90D. Less pulverizer and wheel but has lever expander. \$14.85.

## PLANET JR. CULTIVATOR ACCESSORIES

### Cultivator Steels

No. 1156.	1¼ x 8 in.	\$0 24
No. 2367.	1¾ x 8 in.	25
No. 2368.	2¼ x 8 in.	30
No. 2369.	3 x 8 in.	36
No. 2370.	4 x 8 in.	45
No. 8764.	1¼ x 10 in.	30
No. 8765.	1¾ x 10 in.	31
No. 8767.	3 x 10 in.	43
No. 8768.	4 x 10 in.	48

Bolts for all Steels, 5c each.

### Shovel Steels

No. 2539.	7-in.	50
No. 2540.	8-in.	55

### Sweeps

No. 1614.	6 in.	50
No. 1169.	8 in.	55
No. 1170.	10 in.	60
No. 1171.	12 in.	70
No. 1172.	15 in.	1 00
No. 3184.	18 in.	1 20

### Half Sweeps

No. 4903/4.	6 in.	Pair \$1 00
No. 3583/4.	8 in.	1 10
No. 3585/6.	9½ in.	1 20
No. 3587/8.	11 in.	1 35

### Turn Shovels

No. 3580/1.	6 in.	\$1 05
No. 3824/5.	7 in.	1 35

### Hilliers

No. 1167/8.	6 in.	\$1 60
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### Horse Hoe Roller. \$6.50

Wood Handles.....\$2 50

### Chains, Back Bands, Etc.

**Berry Boxes.** 1-qt. size, \$1.75 per 100, postpaid \$1.85.

Prices per 1000 furnished on application.

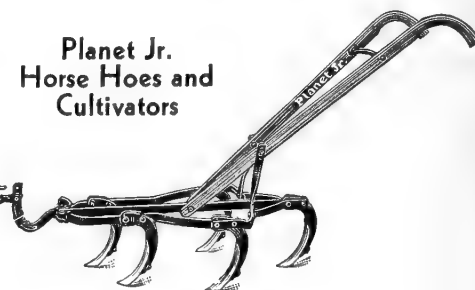
**Trace Chains.** 7-ft. straight link, \$1.25. Postage, 25c extra.

**Cow Chains No. 1.** Tying out. Supply doubtful.

**Tieout Chains.** 30 ft. \$1.45, postpaid \$1.70.

**Back Bands.** Cotton duck with snaps. Supply doubtful.

**Plow-Lines.** Cotton. 14 yds. \$1.25, postpaid \$1.35.



**Planet Jr.  
Horse Hoes and  
Cultivators**

No. 4D. Horse Hoe, no wheel.....\$13 90

No. 9D. Horse Hoe, no wheel..... 16 65

No. 100D. Cultivator, no wheel..... 10 00

No. 9D. Cultivator, no wheel..... 14 25

No. 4D. Cultivator, no wheel..... 11 50

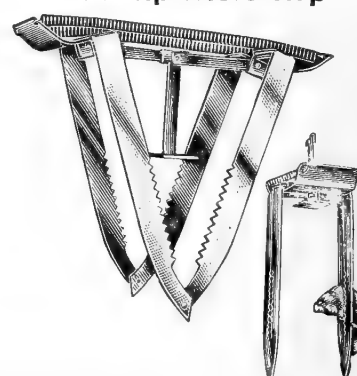
No. 101D. Cultivator, no wheel..... 11 50



**High Wheel  
Cultivator**

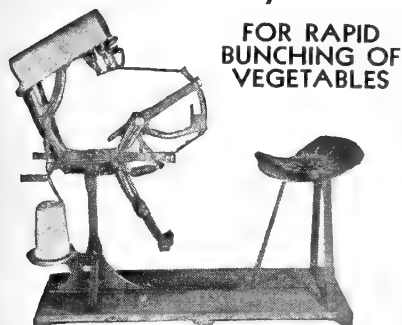
No. 850. Complete with plow, double-pointed shovel and five-prong cultivator as shown. \$5.00.

## E-Z Trip Mole Trap



This easy-to-set Mole Trap will get the Moles every time. \$1.80, postpaid \$1.95.

### Felins Bunch Tyer

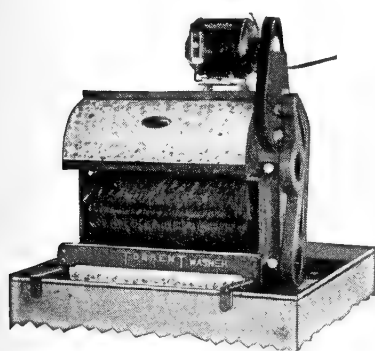


**FOR RAPID  
BUNCHING OF  
VEGETABLES**

The Standard will tie 1200 bunches in an hour and uses 6 or 8-ply cotton twine and No. 13 braid. The Electric will tie with 1/4-in. tape as well as 6 to 16-ply cotton twine up to 2000 bunches an hour.

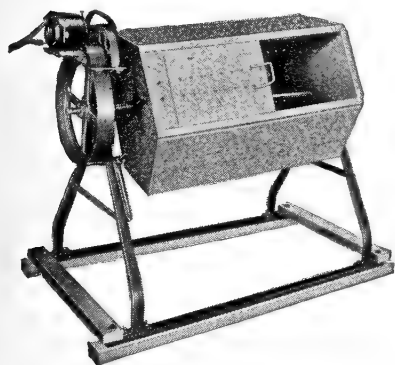
**Ball-bearing, foot operated.** \$86.65.  
**Ball-bearing, electric.** \$174.25.

### Torrent Bunch Washer



No running water is required. Place in present tank or tub; plug into light socket (save the cost of special wiring). Fill tub with water and it's ready to wash 200 dozen bunches in an hour. \$161.75.

### Root-Crop Washer



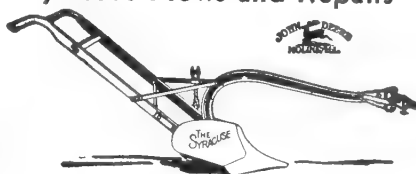
No extra wiring. Simply plug into light socket. Consumes the electricity a light bulb uses and less than 18 gallons of water for a loading. Easy to set aside when not in use. No tub to wash out—No rinsing—Rinses as it washes. 6 feet long, 3 feet wide. Capacity 10 bushels. Weight 350 lbs. \$202.15.



### Rubberized Gloves

**No. 4703.** Will keep your hands warm and dry. Can be used in handling any kind of liquid, spray solutions, spraying, car washing, etc. Gives complete protection to the hands. Pair 80c, postpaid 89c.

### Syracuse Plows and Repairs



**Price on plows on request**

- No. 50.** Right; wood beam; light; one-horse.  
**No. 53.** Right; wood beam; heavy; one-horse or light two-horse.  
**No. 1464.** Right; steel beam; plain; one-horse.  
**No. 1465.** Right; steel beam; plain; one-horse.  
**No. 603.** Right; wood beam; light; two-horse. Plain, with Wheel and Jointer,  
**No. 602.** Right; wood beam; medium; two-horse. Plain, with Wheel and Jointer,  
**No. 601.** Right; wood beam; heavy; two-horse or light three-horse. Plain, with Wheel and Jointer,  
**No. 1462.** Right; steel beam, similar to No. 602 wood beam Plow; two-horse. with Wheel and Jointer,  
**No. 1461.** Right; steel beam; two-horse; makes furrow 5 to 8 inches deep and 12 to 16 inches wide. with Wheel and Jointer.

### SYRACUSE REPAIRS

	Mould-boards	Land-sides	Solid Shares
<b>No. 50</b> .....	\$3 45	\$1 10	\$0 85
<b>No. 53</b> .....	4 40	1 50	1 00
<b>No. 603</b> .....	6 15	1 75	1 35
<b>No. 602-1462</b> .....	5 75	1 90	1 25
<b>No. 601-1461</b> .....	6 15	2 30	1 35

Slipshares 22c higher.

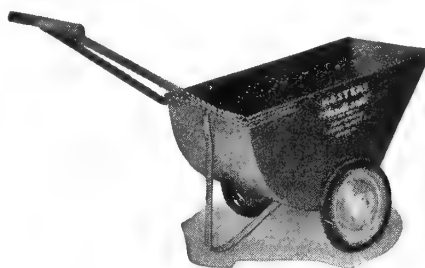
### BOSS PLOW REPAIRS

	Mould-boards	Shares
Cabbage.....	\$0 35	\$0 35
1 1/2 x 2.....	70	40
1 1/2 x 3.....	85	45
No. 20.....	1 35	55

Landsides 60c; Clevises 40c.

### Buch's Corn Sheller No. 3

A high-quality one-hole Sheller. The hopper is adjustable and takes almost any size ear. It cleans the cob of all grains, deposits the corn from the center, throws the cob out at the end and separates the chaff from the grains with a sieve. Capacity 125 bushels per day. Weight 125 lbs. \$38.00, f.o.b. Baltimore.



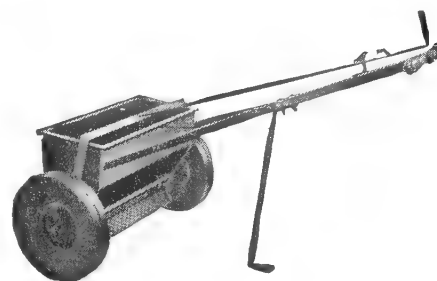
**Handi-Cart.** Sturdy sheet-metal body; solid steel axle; 10-in. disc wheels; rubber tires. Perfectly balanced; easy to handle.  
**18S.** Capacity 2 cu. ft. .... \$7 25  
**20D.** Capacity 3 cu. ft. .... 9 50

### Hand Corn Planter

**No. 925.** This automatic Corn Planter is of a very popular pattern, adjustable gauge and seed drop. Operation automatic, accurate and easy. \$3.00, postpaid \$3.25.

**ALL PRICES SUBJECT TO CHANGE**

### Master's and Salem Fertilizer and Seed Distributors



**M-180.** 18-in. width. \$19.95.

**M-241.** 24-in. width with Double Disc Wheels. \$23.95.

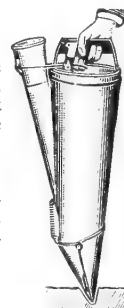
**M-361D.** 36-in. width with Double Disc Wheels. \$37.95.

### Salem Distributors

Has six-gate control for accurate spreading of fertilizers, lawn seed, and other granular products, equipped with double shut-off control, one manual and one automatic. 16 in. \$5.95; 20 in. \$9.95; 30 in. \$16.75; 36 in. heavy duty \$35.50.

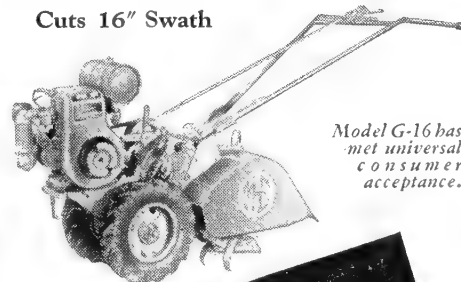
### Owens Plant Setter

Sets all kinds of plants, such as cabbage, tobacco, tomatoes, cauliflower, strawberries, sweet potatoes, sugar beets, etc. The water-valve is of brass with rubber packing. The valve-rod and trip spring are of steel wire; thumb button and other fittings are also of brass. The machine is well put together with rivets and solder and should last for years. \$5.25, postpaid \$5.50.



### Rotary Garden Tiller

**Cuts 16" Swath**



*Model G-16 has met universal consumer acceptance.*



Saves time and labor, results in increased profits. Precision built. Sturdily constructed designed to give long life. Easy to handle. (Send for circular.) \$450.00. Sickle Bar \$78.00. Snowplow or Bulldozer \$25.60. Hiller or Furrower \$12.50.

## SEED SOWERS

### Star Clover and Grass Seeder

Sows 14 to 16 feet wide, any amount desired per acre.  
Will sow 20 to 25 acres per day.



This Grass Seeder is simple, without gearing, cams, or intricate machinery. It cannot get out of order.

The combination Seeder handles both clover and grass seed.



Grass Seed Sower. 14-ft.

Grass Seed Sower. 16-ft.

Combined Seed Sower. 14-ft.

Temporarily Discontinued



### Cahoon Seed Sower

Sows timothy, clover, oats, wheat, rye, etc. Fig. 8.  
\$10.00, postpaid  
\$10.25.

### Cyclone Seed Sower

Practical and all-round, first-class grain and grass seeder. \$3.50, postpaid \$3.65.

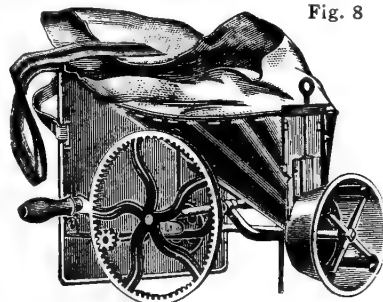


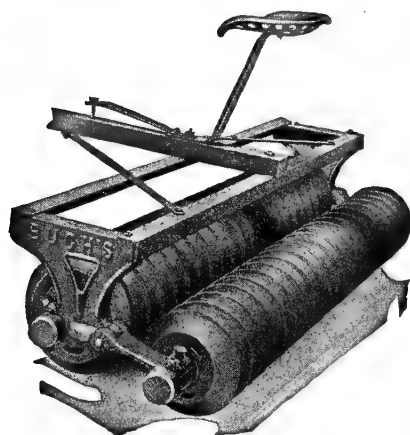
Fig. 8

### Horn Seeder

A Sectional Tube Style

These tubes fit into each other like a stove pipe (not like a telescope). Has the Improved Brass Feed Gauge Patented. Sows all small, smooth seeds, like alfalfa, clover, timothy, etc., any desired amount per acre. Easily operated; fully guaranteed. \$1.25, postpaid \$1.35.

### Soil Pulverizer



Simple in construction, strong, rigid frame with heavy cast hangers, solid, one-piece discs, no trouble to set up. Tractor hitch extra. Tongue truck extra.

626. 7 ft.; 37 sec.; wt. 900 lbs. ....  
627. 8 ft.; 43 sec.; wt. 1000 lbs. ....  
628. 9 ft.; 49 sec.; wt. 1100 lbs. ....  
630. 11 ft.; 61 sec.; wt. 1350 lbs. ....

All front discs 15 inches, rear 12 inches  
Prices F.O.B. factory

Allotments of steel, gray iron and malleable iron to the various manufacturers of steel products are still very much below their usual requirements. Farm and garden tools will therefore not be plentiful, and this condition will persist probably for some time to come.

Supply and prices will be very uncertain. Please contact us for information.

### Flat-Tooth Weeders

7½-ft. Flat-tooth Weeder.....

### Spike Tooth Harrow (All Steel)

The original All-Steel Spike Tooth Harrow  
No. C-50. 50 teeth; 2 sections. Cuts 7½ ft.

### Spring Tooth Harrow (All Steel)

For destroying weeds this Harrow stands supreme. A heavy-duty Harrow, especially designed for conditions that require exceptional strength.

No. L15. 15-tooth, 2 sections, 57-inch cut, horse or tractor.

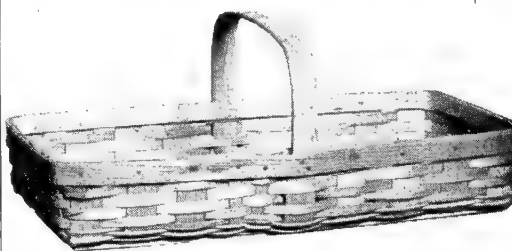
No. L17. 17-tooth, 2 sections, 64-inch cut, horse or tractor.

No. L23. 23-tooth, 3 sections, 92-inch cut, horse or tractor.

### Split Oak Baskets (Rope Handles)

Made from split oak. Very strong and durable.

1-bus. size .....\$1 75  
1½-bus. size ..... 2 00  
2-bus. size ..... 2 75  
3-bus. size ..... 3 25  
5/8-bus. Picking Basket. No handle... 1 25



Gathering Baskets for flowers and fruit.  
Price \$2.00.

Supply and prices on Farm Tools very uncertain; write for information.

## New Idea Manure Spreader

No. 9. Perfect in field performance, built to last for years. Capacity 60 to 65 bushels. It will shred and pulverize the toughest manure and spread it in an even blanket of controlled fertility with less strain on the team than you ever thought possible. Four changes of feed rate. Auto-steer front axle.

## Steel Land Rollers

Drums of heavy tank steel. Angle steel tops. Axles, 1½ inch round steel. Tractor or horse hitch. Diam. Wt.  
102½. 8 ft.; 2 sec..26 in. 550 lbs.  
103½. 8 ft.; 3 sec..26 in. 600 lbs.  
105½. 8 ft.; 2 sec..24 in. 510 lbs.  
106½. 8 ft.; 3 sec..24 in. 535 lbs.  
120½. 9 ft.; 3 sec..24 in. 585 lbs.  
118½. 4½ ft.; 2 sec..24 in. 370 lbs.

Extra for Eveners. Prices F. O. B. factory.

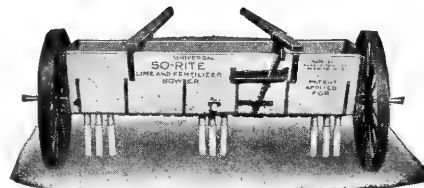
## "So-Rite" Economy Lime Sowers

Very strongly made. Exceptionally accurate feed, even flow, positively controlled and gauged by adjustment of lever on back of machine.

5 ELW-1. 5 ft.; 1-horse; wt. 300 lbs.

6 ELW-1. 6 ft.; 1-horse; wt. 325 lbs.

## "So-Rite" Universal Fertilizer and Lime Sowers



### No Belts to Replace

As a Fertilizer Drill. Rubber spouts are attachable to any desired points 3 inches apart under the entire machine; adjustable to any width rows. Used as a 2-row, 3-row, or 4-row machine; remove by hand—no tools necessary. The quantity to be sown is obtained by adjustment of lever on back of machine.

As a Broadcaster. This So-Rite machine is perfect. Feed is regular and positive. Wheels are adjustable. Specifications: Wheels, 36 in. high. Tires, 3 in. wide. Capacity, Hopper, 400 to 700 lbs. Capacity per acre, 300 to 5000 lbs.

3 U-6.1. Width, 3 ft.; 1 horse; 6 spouts; wt. 225 lbs. ....

4 U-6.1. Width, 4 ft.; 1 horse; 6 spouts; wt. 250 lbs. ....

5 UW-6.1. Width, 5 ft.; 1 horse; 6 spouts; wt. 300 lbs. ....

6 UW-6.1. Width, 6 ft.; 1 horse; 6 spouts; wt. 325 lbs. ....

Extra spouts complete.



## J. I. Case Mower

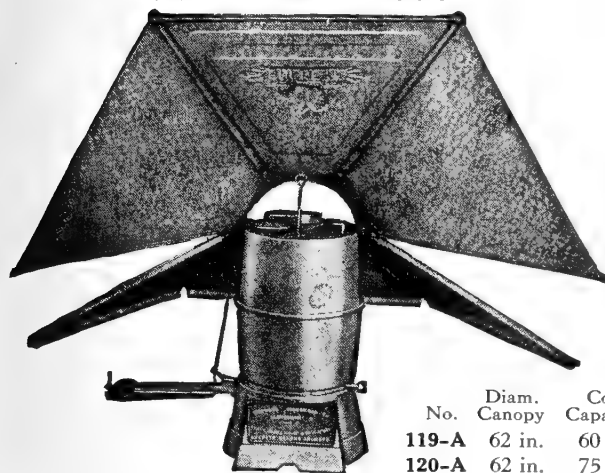
No. 55. 5-ft. cut., plain lift. ....

# BUCKEYE BROODERS

## THE WORLD'S BEST

WE CARRY A LINE OF INCUBATOR AND BROODER REPAIR PARTS

### Ace-Coal Brooder

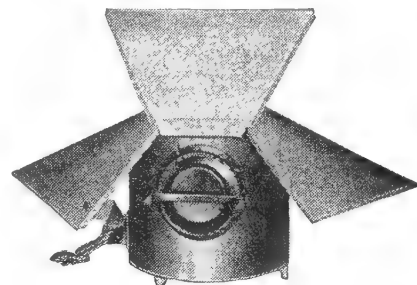


Over two decades ago the Buckeye Coal Brooder came into existence, and from that day on it has been the standard of comparison in Brooder Stoves everywhere. It was scientifically designed and especially built to raise more baby chicks with less work and less fuel—and does its job well.

The Buckeye Coal Brooder has been constantly improved and today it still holds its place as the leader. This Buckeye Coal Brooder saves time and work, is easy and economical to use, saves more chicks, increases poultry profits.

	No.	Diam. Canopy	Coal Capacity	Height	Ship. Wt.	Price
	119-A	62 in.	60 lbs.	25 1/4 in.	126 lbs....	\$35 50
	120-A	62 in.	75 lbs.	29 in.	145 lbs....	39 75

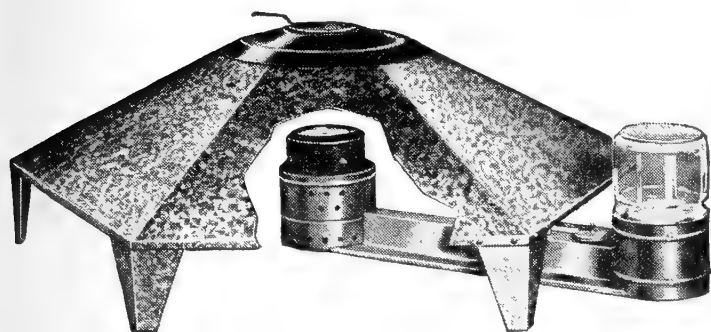
### Buckeye Lumberjack



A modern wood-burning Colony Brooder, perfectly safe and dependable. Cannot overheat; no danger of going out; sturdily built; requires but little attention. The drum is made of boiler plate and is airtight. The fire-door is instantly removable and locks itself airtight.

Model	Drum Size	Canopy Capacity	Chick Capacity	Price
No. 41.	25 x 20 in.	62 in.	1000	\$28 50

### Blue Flame Brooder



A good, sturdily built, automatically controlled Blue Flame Brooder with many outstanding features.

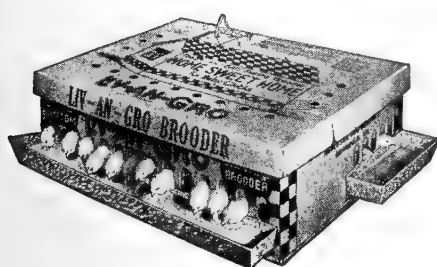
The automatic heat control is positive in action through efficient needle valve, operated by thermostatic brass wafer. Valve body is brass with small by-pass to allow sufficient flow to keep burner from going out.

Giant type burner produces an abundance of heat. Chimney is self-centering, eliminating smoky flames. Burner and oil reservoir rigidly mounted in metal housing. Burner always level. Flame always even on all sides. Can't get out of adjustment.

No. 357. 57-in. canopy .....\$20 75

### Improved Liv-An-Gro Brooder

Save 95 per cent of your chicks



Metal feed pan and water trough with sanitary 1/2-inch mesh galvanized wire bottom, wire rods for holding wire bottom in place. Both cover and body are of extra heavy grade of corrugated board with desirable insulating properties. Adjustable guards at feed and water openings.

The electric heater consists of 6 feet of extension cord and one large metal circulation tube to hold electric bulb (bulb is not furnished). In winter, when the room temperature is 65 or 70 degrees, a 40-watt bulb is recommended. Capacity, 50 day-old chicks. \$3.10, postpaid \$3.25.

### Oil-Combustion Brooders

Large blue steel combustion drum, double seamed, with corrugated top and bottom to increase radiation capacity. Outer drum detachable for cleaning. Offset gives larger brooding area. Flame spreader of cast iron fits over the burner and assures perfect combustion. A combination baffle and dust pan on the bottom provides circuitous air-passage for complete combustion. Spun glass kindling ring in burner insures quick starting, complete combustion, safe regulation of low flames, and prevents snuffing out. Heavy cast-iron well-type burner provides steady, even burning. Burns kerosene or 38-42 distillate.

No. 452-B. 52-in. hex. canopy. Capacity 300 to 500 chicks. \$25.50.

### Electric Brooders

Automatically controlled and generously insulated. Assures highest success in brooding at lowest operating cost. Best of materials are used to make it one of the safest and most satisfactory Brooders.

Automatic, adjustable thermostat switch with 3-inch double filled wafer maintains even brooding temperature. Heavy-duty, metallic cable wiring is used and electric connections are enclosed in a special metal box to comply with safety regulations.

A natural circulation of air keeps conditions under Brooder just right; controlled by adjustable ventilator on top of Brooder.

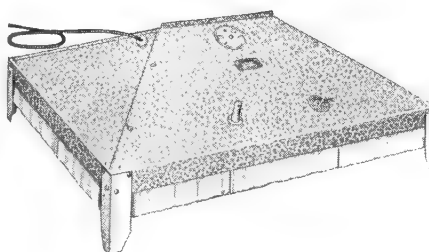
No. 60-F-48. Canopy 60 x 60 in. with electric fan. Capacity 500 chicks. \$47.00.

No. 52-F-48. Canopy 52 x 52 in. Equipped with electric fan. Capacity 375 chicks. \$41.75.

### Battery Brooder

No. 302. Capacity, 100 day-old chicks. Automatic control, heat evenly distributed, easily adjusted, equipped with feed and water troughs. Width overall 32 1/2 in., length 40 3/4 in., height 11 1/2 in. Easily assembled. Shipping weight 33 lbs. Price, \$13.95.

### Cyclone Baby Electric Automatic Brooder



No. 175A. A strong, rigid, all-steel Brooder, 150-chick capacity. Equipped with thermostat, pilot bulb, thermometer, cord and socket. Operates on 110 volt, A.C. current. Size overall, 32 x 38 inches.

The very best controls and elements are used in this Brooder. They

offer perfect automatic control without trouble, and, naturally at great saving in current. Even temperature can be maintained. Shipping weight 30 lbs. \$14.00, freight or express.

No. 202-48. Electric Brooder, same capacity as above, same price.



## BUCKEYE MODERN POULTRY EQUIPMENT

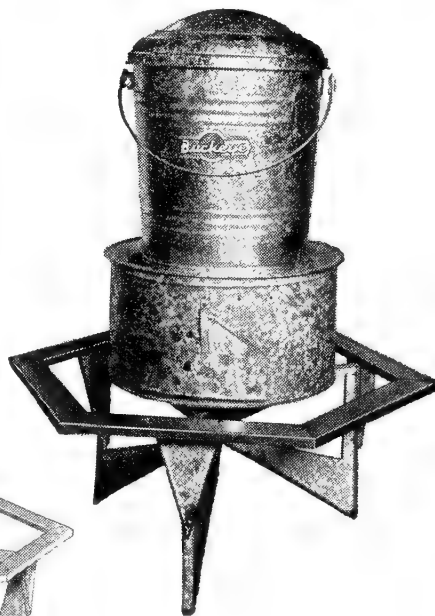
### Buckeye Fountain, Heater and Stand

Includes base, lamp, and burner. The stand is also available as a separate item.

Special price for complete outfit.

No. 255-HS. 5-gal. fountain. \$9.50, postpaid \$10.00.

No. 269-HS. 10-gal. fountain. \$12.00, postpaid \$12.50.

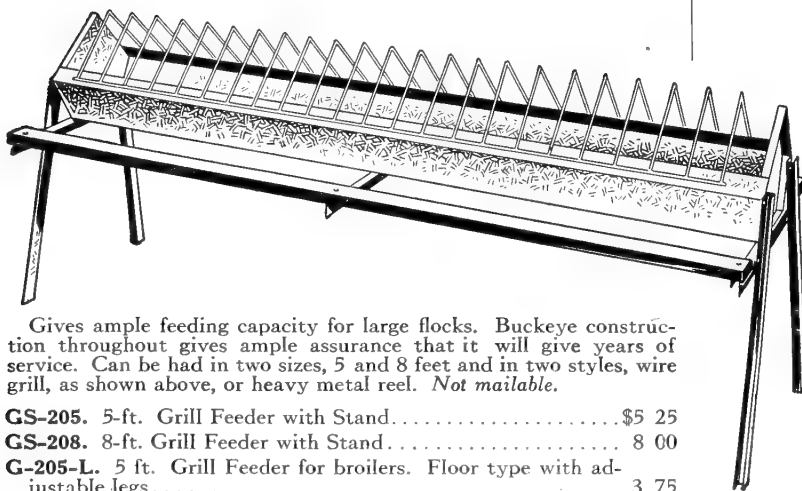


No. S-269. Stand, adjustable for any size fountain. \$3.50, postpaid \$3.70.

For Heaters, see next column.

### BUCKEYE FLOCK FEEDER

*With Heavy Angle Iron Stand*



Gives ample feeding capacity for large flocks. Buckeye construction throughout gives ample assurance that it will give years of service. Can be had in two sizes, 5 and 8 feet and in two styles, wire grill, as shown above, or heavy metal reel. *Not mailable.*

GS-205. 5-ft. Grill Feeder with Stand.....\$5 25

GS-208. 8-ft. Grill Feeder with Stand.....8 00

G-205-L. 5 ft. Grill Feeder for broilers. Floor type with adjustable legs.....3 75

G-205-L. 8 ft. Grill Feeder for broilers. Floor type with adjustable legs.....6 75

### Adjustable Roof Saddle

This new Roof Saddle, adjustable to care for any pitch roof, is furnished complete with stack and rain-cap as illustrated.

For 5-in. Pipe. Weight, 7 lbs. \$2.00, postpaid \$2.15. Three in carton, \$6.00; postpaid \$6.25.



### Chick Feeders

No. RL-336. 36-in. Reel Feeder, all-purpose, with adjustable legs. \$1.00, postpaid \$1.20.

No. R-224. Baby Chick 24-in. Reel Feeder. 40c, postpaid 55c.

No. R-218. 18-in. 30c, postpaid 40c.

Supply extremely limited

Buckeye Chick Feeders are specially designed, rigidly constructed, long wearing. For baby chicks, provide 1 inch of feed space for each chick. Provide 16 feet of feeding space for every 100 chicks six weeks old, and 20 feet of feeding space thereafter.

### Float Fountains

Has double-acting copper-float valve which is positive in action—self-cleaning type that never clogs. Tank can be removed from bottom pan without fear of leaking. Heavy-gauge metal, strong bails, beaded edges, perch-proof tops.

No. 255. 5-gal. Float Fountain. 4-in. Float. \$3.80, postpaid \$4.00.

No. 269. 10-gal. Float Fountain. 6-in. Float. \$5.75, postpaid \$6.00.

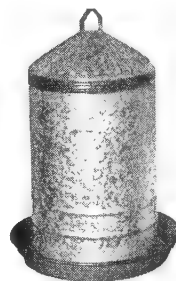


Fig. 1

### Chick Founts

For use with either growing chicks or mature fowls. Heavy metal perch-proof top.

No. 104. 4-qt. 60c, postpaid 70c.

No. 450. 5-qt. Single Wall. 85c, postpaid \$1.00.

No. 302A. Double Wall. 2-gal. \$2.10, postpaid \$2.25. Fig. 1.

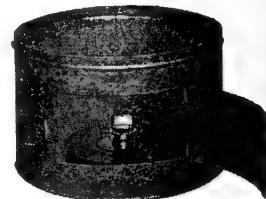
### Fountain Heaters

No. 170. 12-in. for No. 255 fountain. \$2.25, postpaid \$2.40.

No. 270. 14-in. for Nos. 265, 456 fountains. \$2.75, postpaid \$2.90.

No. 470. 18-in. for No. 269 fountain. \$2.85, postpaid \$3.00.

For other Heaters, see page 60.



### Double Wall Fount

Made from heaviest metals, all edges beaded. Has heavy interior bail and perfect construction. Live rubber washer prevents leakage and holds water in can when top is removed. Round pan, easy to clean, a real value.

No. 453. 3-gal. ....\$2.85, postpaid \$3.05

No. 456. 5-gal. ....\$3.85, postpaid \$4.05

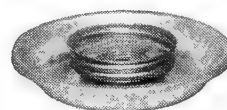


Fig. 2



Fig. 3

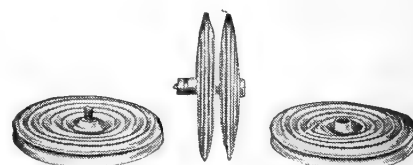
### Buckeye Jar Founts

*Fit Any Mason Jar*

No. 202. Galvanized. Fig. 2. 15c each, postpaid 20c; 2 for 25c, postpaid 35c; \$1.25 per doz., postpaid \$1.40.

No. 204A. Heavy crystal glass. 18c each, postpaid 28c; 2 for 30c, postpaid 42c; \$1.50 per doz., postpaid \$1.75.

### Wafer Thermostats



All-brass, double unit, for Reg. Style, 30c. brooders and incubators. 3-in. screw post 35c, 4-in. screw post 40c, 5-in. screw post 50c. Postage 5c each on all sizes.

## Rain Caps and Wind Deflectors

**No. C-285. Rain Cap.**  
5-in., 45c, postpaid 55c.

**No. RC-285. Revolving  
Wind Deflector.** 5-in., 75c,  
postpaid 85c.



## Stove Pipe

**Galvanized.** 2-ft. joints, 5-in. 50c.  
**Tapers.** Galvanized. 5 to 4-in. 50c.

## Elbows

**Galvanized.** 5-in. 50c.  
Add 10c to the price of each Elbow or  
joint of pipe for postage.

## Bonide

**Wood Preserver—Termite Killer**

Prevents decay. Also used to destroy red  
mites in poultry-houses. Gal. \$1.75, post-  
paid \$1.95.

**Fidel-X Termite Kill.** A tested product for  
termite control, if used according to direc-  
tions it never fails. Qt. \$2.39, postpaid  
\$2.50; 2 qt. \$4.50, postpaid \$4.75.

## Doughboy Airdome Automatic Fountain

**Gravity or Pressure**



Starts chicks and poults drinking the first  
day! Saves poult and chick losses! Protects  
your profits! Waters hens, turkeys, geese,  
ducks, and small animals.

The small Fountain takes care of poults  
through 8 to 12 weeks and chicks to the  
broiler stage, or until pullets go into the  
laying house. For the first week, a few bricks  
will help the smaller birds reach the water.  
Turkey growers find this Fountain eliminates  
tedious bill dipping. Small size will water 500  
chicks or 300 poults adequately. A constant  
supply of fresh, clean water insures healthier  
birds and fewer losses. Large Fountain  
waters 250 laying hens or 200 full-grown  
turkeys adequately. It pays for itself many  
times over in healthier birds and increased  
egg production.

Chick or Poult size, \$5.95, postpaid \$6.10.

Hen or Turkey size, \$6.95 postpaid \$7.15.

## Draft Equalizer



**D. 295.** The adjustable Draft  
Equalizer solves a problem  
for the user of coal-burning  
brooders as it helps to  
maintain a steadier fire on  
windy days. This prevents  
the coal burning too fast or  
wind blowing smoke back  
down the chimney, causing  
fire to smother. The added  
protection given by this  
simple device can hardly  
be estimated. The Draft Equalizer is  
made with 5-inch galvanized pipe. 90c,  
postpaid \$1.00.

## Sanitary Steel Nests

Well ventilated. No overheating in hot  
weather. Ample room for large, heavy hens.  
In addition, for poultry breeders, we can  
furnish trap nest fronts as listed.

**No. 410.** A 10-hole Nest. \$13.25.

**No. 415.** A 15-hole Nest. \$17.50.

## Sure-Trip Trap Nest Front

40c, postpaid 49c; doz. \$4.25, postpaid \$4.50.  
100 for \$30.00, f.o.b. Baltimore, Md.

## Incubator and Brooder Repairs

*Prices subject to change*

**Incubator Wicks.** State sizes wanted.  
5c each; 50c per doz., postpaid.

**Brooder Wicks (Kerogas).**  
**No. 20,** 30c; **No. 30,** 50c, postpaid.

**Asbestos Wicks.** 25c, postpaid.

**Putnam Stove Wicks and Holder and  
Wick.** 10c, postpaid.

**Putnam Heater Wicks and Holder and  
Wick.** 15c, postpaid.

**Incubator and Brooder Lamp Burners.**  
For Buckeye and other makes.

**No. 35.** Takes 1-in. wick, has large flame.  
75c, postpaid 82c.

**No. 300.** Double burner. \$1.00, postpaid  
\$1.07.

**Chimneyless Lamp Burner.**  
For fountain heaters. 50c,  
postpaid 60c.

## THERMOMETERS

**No. 5 Brooder.** Fig. 1. Easily  
read. 40c, postpaid 50c.

**No. 401. Electric Brooder.**  
Outside scale. 90c, postpaid  
\$1.00.

**No. 91. Buckeye Incubator.**  
\$1.25, postpaid \$1.35.

**No. 5776. Taylor Incubator.**  
\$1.00, postpaid \$1.10.

**No. 5783. Taylor Certified.**  
\$1.75, postpaid \$1.85.

**No. 5796. Taylor Incubator  
Hygrometer.** Temporarily  
discontinued. Extra wicks,  
10c each, postpaid.



Fig. 1

## Buckeye Egg Basket

Held off ground to insure perfect cooling.  
Has card-holder for flock identification.

**No. 114.** 18-doz. Round. \$1.35, postpaid  
\$1.50. Supply uncertain.

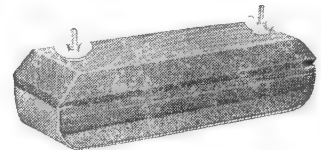
## Nest-Eggs

Encourage hens to lay in the nests by the  
use of Nest-Eggs. This will prevent the loss  
sustained by hens laying on the floor and  
other places, where eggs are broken and  
soiled. Broken eggs encourage the very bad  
habit of egg-eating by the birds.

**Opal.** Made of glass. Supply uncertain.

**Wood.** White enamel. 6c each; 60c per doz.,  
postpaid 70c.

## Reliable "Dry-Clean" Egg Cleaner



**No. 13.** Has sponge-rubber cushion base  
under cleaning cloth. This cleaning cloth  
is very finely grained and pliable to cover  
large surface of egg and prevent breaking.  
Cloth can be easily removed by loosening  
wing nuts and raising top section of Clean-  
er. New cloth is inserted in slots and wing  
nuts are retightened. Weight 7 ounces.  
40c, postpaid 48c.

**Egg Cleaning Cloth.** 10-ft. rolls 75c, post-  
paid 85c.

## Poultry House Scraper

\$1.75, postpaid \$1.85  
Supply uncertain.

## Fowl Catcher

Strongly made. Overall length 47 in. 25c,  
postpaid 35c.

## Chick Boxes

**Blue Ribbon Pullmans.** 100-chick, 40c,  
postpaid 50c; 50-chick, 30c, postpaid 39c;  
25-chick, 25c, postpaid 30c.

# CARBOLA-DDT

**INSECT-KILLING AND GERM-KILLING  
WHITE POWDER PAINT**

## DON'T LET THOSE CHICKS DIE!

Now is the time to paint and disinfect your  
poultry houses, before you put in chicks for the  
season, using the old reliable Carbola, which  
destroys disease germs such as diphtheria, roup,  
cholera, that take so many chicks in untreated  
brooders and poultry houses. Simply mix Carbola  
DDT in water and brush or spray on walls and  
other surfaces. Dust floors, dropping boards,  
nests with dry powder to kill germs and to keep  
down ammonia. Rub powder into feathers to  
destroy lice. Used by agricultural colleges  
hatcheries and thousands of farmers.

## KILLS FLIES AND GERMS IN BARN

In the 2% DDT now contained in Carbola you  
have a guaranteed FLY KILLER that remains  
active for months when applied as a paint in cow  
barns and other buildings. In addition you get  
the germ-killing disinfection, which prevents  
Bangs disease, tuberculosis and other diseases.  
Dries white; meets Board of Health requirements.  
One or two easy paintings a year do the job.

Ask your dealer today about  
the economical 50 lb. bag  
1 lb. 25¢, 5 lb. 80¢, 10 lb. \$1.35, 25 lb. \$3.00,  
50 lb. \$5.50

*Write for handy egg record chart*

**CARBOLA CHEMICAL CO., Inc.**

Established 1916

Natural Bridge 100, N. Y.



## CEL-O-GLASS

Now Guaranteed for 5 Years

It is the only ultra-violet ray window material on a wire mesh base with published scientific proof that it increases egg production and reduces chick losses.

Low egg production, soft-shelled eggs, disease and leg weakness can often be traced to a deficiency of ultra-violet or its equivalent. "Cel-O-Glass" brings these vitalizing ultra-violet rays of the sun inside your poultry houses all winter long, when you need them most. These rays, which are barred out by ordinary glass and soiled cloth curtains, enable your hens to make proper use of calcium and phosphorus, the bone-building and shell-making minerals. Furthermore, "Cel-O-Glass" keeps houses warmer and drier, and free from draughts. Experiment stations, egg-laying contests, commercial poultrymen and flock owners have found that "Cel-O-Glass" increases egg production and reduces chick mortality. It can do the same for you.

Also used for hotbeds, coldframes, storm doors, storm windows, back porches, hog houses, dairy barns, milk houses, dog kennels, rabbit hutches, and many other purposes.

Cut any size from 1 running foot up. Per running foot: 28 in. wide, 30c; 36 in. wide, 37½c; postage, 10c for 1 running foot; 1c extra for each additional running foot; 50-ft. rolls, 28 in. \$13.75; 50-ft. rolls, 36 in. \$17.75. 25-ft. rolls priced correspondingly.

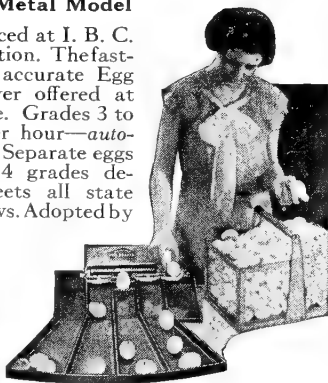
## VIO-RAY (Glass Cloth)

Use in place of ordinary glass. Permits the ultra-violet rays to enter, but effectively keeps out wind and rain; buildings will be from 10 to 12 degrees warmer when this material is used. Temporarily discontinued.

## Perfection Egg Grader

### New All-Metal Model

Introduced at I. B. C. A. Convention. The fastest, most accurate Egg Grader ever offered at a low price. Grades 3 to 5½ cases per hour—automatically. Separate eggs into any 4 grades desired. Meets all state grading laws. Adopted by leading agricultural colleges. Adjustable. No dials to read. No electricity needed. Portable, weighs only 12 lbs. Molded rubber tray. A great time-saver and money-maker. Assures uniform pack. Quickly pays for itself. \$17.50.



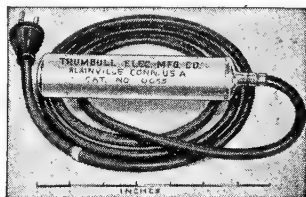
## Egg Canners or Testers

No. 700. Fig. 1. Complete Candler, including cord, socket, and bulb for 110-voltage, \$1.50, postpaid \$1.60.

Buckeye Egg Tester. 40c, postpaid 45c.

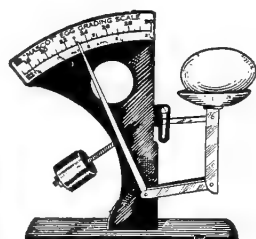
Tin Egg Tester. 30c, postpaid 35c.

## Automatic Electric Water Warmer

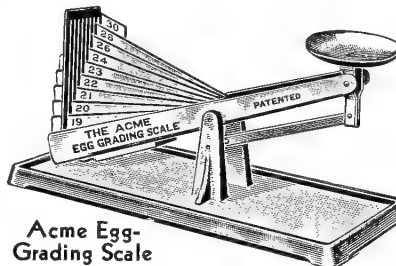


More eggs in zero weather. Holds water at 50° at all times. Thermostatic control. No radio interference; no fire hazard; uses current only when water temperature falls below 50°; entirely automatic. Complete with 6-ft. waterproof electric cord. \$4.00, postpaid \$4.10.

## Automatic Egg-Scale No. 484 J



stop converts into grader. Especially low in price. \$1.75, postpaid \$1.87.



### Acme Egg-Grading Scale

Has been officially adopted as the standard scale in many sections of the United States. Made entirely of aluminum. Indicates grade instantly. \$3.00, postpaid \$3.10.

No. 517. Jiffy-Way Egg Scale. \$1.75, postpaid \$1.85.

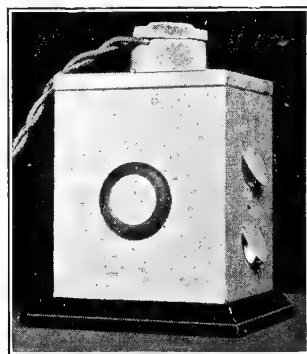


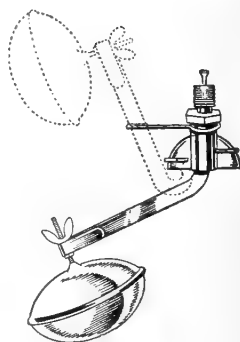
Fig. 1



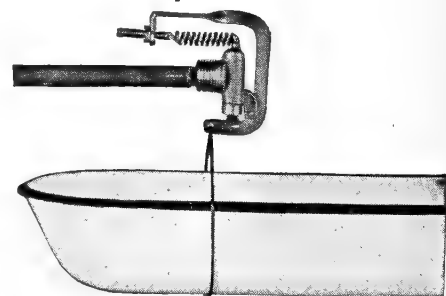
Fig. 2

## Automatic Float Valve

Positive in action, accurately machined, made entirely of brass, the float is of extra-heavy construction. Valve is threaded for ¼-inch iron pipe and can be connected to any pressure system, or to any tank or barrel, thereby providing a constant automatic supply of fresh drinking water. A wire hook is provided to hold the float up in "off" position while the container is removed or cleaned. \$1.10, postpaid \$1.20.



## Gravity Water Valve



A Valve automatic in operation which keeps water at any level desired. It is attached to trough, as shown in illustration, with a wire that slips into notch in arm of Valve. Keep water troughs full in brooder house, laying house or range, whether connected to barrel, gravity, or pressure system. Quickly shut off for cleaning troughs, etc. Made of brass; dependable. The Valve can be attached to a ¼-in. or ½-in. pipe, as it is threaded for both sizes. 95c, postpaid \$1.00.

## No. 1000 Spotlight Tester

Fig. 2

One of the best. Used by Government Grading Stations. \$3.00, postpaid \$3.15.

## Leg-Bands for Poultry and Pigeons



When ordering Bands, state for which breed.

### Bandettes

Unexcelled for use in trap-nesting.

- Made of celluloid. Large double numbers.
- No. 6.** For pigeons. 35c per doz.; 60c for 25; \$2.00 per 100.
- No. 9.** For Leghorns. 40c per doz.; 75c for 25; \$2.25 per 100.
- No. 11.** For Rocks, Reds, etc. 45c per doz.; 85c for 25; \$2.50 per 100.
- No. 12.** For Giants, Cochins, Turkeys and Geese. 50c per doz.; 90c for 25; \$2.75 per 100.
- No. 14.** For Large Turkeys, Geese. 80c per doz.; \$1.50 for 25; \$5.25 per 100.

## Spiralets

**Spiralet Leg-Bands.** Made of celluloid in different colors. Black, White, Blue, Red, Green, Yellow.

- No. 4 and No. 6.** For day-old chicks and Pigeons. 10c per doz.; 20c for 25; 30c for 50; 50c per 100.
- No. 8.** For Leghorns. 10c per doz.; 20c for 25; 35c for 50; 60c per 100.
- No. 9 and No. 11.** For large Leghorns, Rocks and Reds. 10c per doz.; 20c for 25; 35c for 50; 60c per 100.
- No. 12.** For Asiatics. 15c per doz.; 30c for 25; 40c for 50; 75c per 100.
- No. 14.** For Turkey Hens. 25c per doz.; 40c for 25; 75c for 50; \$1.25 per 100.
- No. 16.** For Turkey Toms. 30c per doz.; 50c for 25; 85c for 50; \$1.50 per 100.
- Wing-Bands.** The best clinch or seal Wing-Band manufactured. 30c per doz.; 60c for 25; \$1.00 for 50; \$1.75 per 100, postpaid.



**Adjustable Leg-Bands.** Adjustable for any breed of poultry. 15c per doz.; 75c per 100; \$6.00 per 1000.

All Bands Postpaid

## Caponizing Sets, Poultry Markers, Etc.



- Philadelphia Caponizing Set No. 155.** \$4.00, postpaid \$4.10.
- Lansdowne No. 1 Caponizing Set.** \$5.50, postpaid \$5.60.
- Lansdowne No. 2.** \$5.00, postpaid \$5.10.
- Cornell Caponizing Set.** \$6.75, postpaid \$6.85.

## Killing and Pinning Knives



- French Poultry-Killing Knife.** 75c, postpaid 80c.
- No. 313. Pinning Knives.** 45c, postpaid 50c.
- No. 323. Killing Knife, Chicken.** Wood handle. 60c, postpaid 65c.
- No. 2694. Killing Knife, Turkey.** 75c, postpaid 80c.
- Petty's Vest Pocket Toe Punch.** For convenience it has no equal. 25c, postpaid 30c.



## TO GUARD AGAINST COLDS • ROUP • BRONCHITIS

I fight colds and respiratory diseases by dusting with HTH-15, a dry, white powder, containing just the right balance of chlorine. HTH-15 is easy to use. I just dust over the birds on roost with an inexpensive dust-gun—and get all benefits of the chlorine inhalant treatment without disadvantages of moisture.

A little HTH-15 in drinking water helps prevent spread of disease. Disinfect poultry-houses and equipment by spraying regularly with HTH-15 solution. Economical—no waste—effective. Write for literature. Extensively used for dairy farm sanitation in the dairy, on the animals, and in the barns. 1-lb. can 65c, postpaid 75c; 3-lb. can \$1.50, postpaid \$1.62.

**Lobax.** See page 62.

## Helmets

Prevents Pickouts and Picking



Helmets permit all natural functions of the chickens and will not interfere with production. Easy to attach. \$1.50 for 50; \$2.75 per 100; \$12.50 for 500; \$22.50 per 1000.

**Turk-E-Bit.** Stop feather-picking. Easily attached; crimp on with your fingers.

**No. 171.** \$2.00 per 100, postpaid \$2.10.



## Hexagon Mesh Poultry Netting

Put up in rolls of 150 running feet. Galvanized after weaving.

	2-in.	1-in.
No. 20	No. 20	
Wire	Wire	
12-in.		\$4 00
24-in.	\$3 75	7 60
36-in.	5 25	11 00
48-in.	6 75	14 25
60-in.	8 25	
72-in.	9 75	

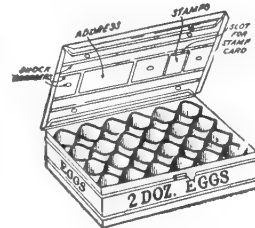
**Poultry Wire Staples.** Lb. 20c.

Stock Limited

## B-B Conditioning Mash

Keep birds fit with B-B Conditioning Mash. Entirely different from anything else on the market. Full line of Maritime Milling Co. Foods. See page 63.

## Metal Egg Crates



Sell Eggs by Mail

Indestructible; made for interchangeable shipments; lasts for years. Realize more money for your eggs.

Butterandeggs safely carried by mail in same

crate. Can be used for other products.

Size, All Eggs	Empty	Filled	Price	Post-paid
2 doz.	4 lbs.	6 lbs.	\$2 00	\$2 10
3 doz.	4 lbs.	8 lbs.	2 50	2 60
4 doz.	5 lbs.	11 lbs.	3 00	3 13
6 doz.	6 lbs.	15 lbs.	3 50	3 65

## M.-S. Egg Box

This is an ideal 3 x 4-section Box for the retail egg trade, holding one dozen, presenting the goods to the customer in an attractive package. They knock down in very compact shape. 25c per doz.; \$2.00 per 100; \$4.50 per 250.

## Egg Preservative WATER GLASS

For storing eggs, use a five-gallon vessel such as a stone crock, wooden tub or bucket. The vessel must have a cover to prevent evaporation. Do not use tin or iron vessels. One gallon makes sufficient solution for 50 to 60 dozen eggs. Qt. 35c, postpaid 53c; gal. \$1.15, postpaid \$1.40.

## Biological Products

### ASL FOWL POX VACCINE

		Postpaid
100-dose units.	\$1 10	\$1 20
500-dose units.	4 25	4 35

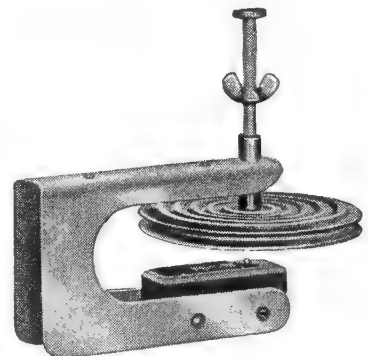
### ASL BACTERINS

#### Avian Mixed or Cholera-Typhoid

		Postpaid
60cc.	\$1 00	\$1 10
250cc.	3 00	3 10
500cc.	5 50	5 60
1000cc.	10 00	10 10

All ASL Biologics are manufactured under U. S. Veterinary License No. 165.

## Electric Thermostat Switch



An accurate snap type for use on battery brooders, incubators, or any place where correct temperature control is essential. Complete with wafer. \$2.00, postpaid \$2.10. Switch only, \$1.25, postpaid \$1.30.



# POULTRY FOODS, DISINFECTANTS AND TONICS

Are Sales Tax  
Exempt

**pratts.**

Poultry & Livestock Remedies

## POULTRY REGU-

**LATOR.** Now contains trace elements. For health and eggs. Use year 'round. Pkgs. 30c, 60c and \$1.20, postpaid 40c, 72c and \$1.35; 12½-lb. pkg. \$2.00, postpaid \$2.25; 25-lb. pail \$3.75, postpaid \$4.15; 100-lb. bag \$12.00 f.o.b. Baltimore, Md.

**N-K Capsules (Split Action).** For poultry worms. Does the work of two ordinary worm treatments. Adults: 50 capsules 85c, postpaid 90c; 100 capsules \$1.50, postpaid \$1.55; 500 capsules \$5.50, postpaid \$5.60; 1000 capsules \$10.00, postpaid \$10.15. Chick and Pullet: 50 capsules 55c, postpaid 60c; 100 capsules \$1.00, postpaid \$1.05; 500 capsules \$3.75, postpaid \$3.85; 1000 capsules \$6.50, postpaid \$6.65.

**CHICK TABLETS.** Use in the drinking water. Saves chicks. Pkgs. 35c and 70c, postpaid 40c and 75c; 1000 tablets \$8.50, postpaid \$8.60.

**DISINFECTANT.** Economical, powerful, non-poisonous. Pt. 55c, postpaid 65c; qt. 80c, postpaid 90c; gal. \$2.00, postpaid \$2.25.

**LICE-KILLER.** In dust-baths, nests, etc. In sifter cans, 40c and 80c, postpaid 50c and 90c.

**R-P TABLETS.** Formerly Roup Tablet. Guaranteed or money back. Pkgs. 30c and 60c, postpaid 35c and 65c.

**WORM POWDER.** A flock treatment. 65c pkg. treats 50 hens, postpaid 75c; \$1.25 pkg. treats 100 hens, postpaid \$1.35; \$5.00 pkg. treats 500 hens, postpaid \$5.25.

**PIK-NO-MOR.** Stops cannibalism among chicks at all ages. 30c, postpaid 35c; 60c, postpaid 65c.

**INHALANT.** For better control of colds and catarrh in poultry. 1-pt. bottle 70c, postpaid 80c; qt. \$1.25, postpaid \$1.40; gal. \$3.25, Express or freight only.

**ANIMAL REGULATOR.** Keeps stock in the pink of condition. Pkgs. 35c, 70c, and \$1.40, postpaid 45c, 80c and \$1.55.

**HOG POWDER.** Pkgs. 65c and \$1.25, postpaid 75c and \$1.45.

**ROOST PAINT.** Will kill lice on fowls. ½pt. \$1.00, postpaid \$1.10; pt. \$1.75, postpaid \$1.87; qt. \$2.50, postpaid \$2.62; gal. \$7.50, postpaid \$7.75.

## C-Ka-Gen

Stops heavy losses from bloody coccidiosis. Turns natural attacks into immunity. 50-chick size 85c, postpaid 95c; 100-chick size \$1.50, postpaid \$1.62; 250-chick size \$3.25, postpaid \$3.45; 500-chick size \$6.00, postpaid \$6.30.

## Pratts Zene-A-Trol

For many species of worms in hogs, sheep, goats, horses, cattle, and chickens. Active ingredient phenothiazine. ½lb. \$1.00, postpaid \$1.10; lb. \$1.50, postpaid \$1.62; 5 lbs. \$6.00, postpaid \$6.15; 25-lb. drum \$28.00, postpaid \$28.35.

Write for FREE  
Poultry and Livestock Health Guide



## Conkey's Old Reliable Powder

Known as Conkey's Roup Remedy. For use in emergency or put it in drinking fountains on cold, rainy days or when there is a sudden change in weather. Pkgs. 25c, 50c, \$1.00, postpaid; 1½-lb. can \$2.35, postpaid \$2.45; 5-lb. can \$5.50, postpaid \$5.75.

## Conkey's Poultry Pills

For colds. Pkgs. 35c and 75c, postpaid. Breeder size (500 pills) \$1.75, postpaid \$2.00.

## Conkey's Lice Powder

For lice on poultry. Active ingredients, sodium fluoride, sulphur and nicotine. In sifter-top cans 25c, postpaid 35c.

## Conkey's Salvo

For treating sores, cuts and wounds. Pkgs. 25c and 50c, postpaid 30c and 55c.

## Conkey's New Liquefied Dia-Tabs

Keep this remedy in the drinking water of all baby chicks until danger period of the first few weeks is past. ½pt. 65c; pt. \$1.00; qt. \$1.75; gal. \$5.50. Not mailable.

## Conkey's Nox-I-Cide

Paint it on the roosts and spray it into cracks. Spray premises daily when disease is present and once a week as a preventive of red mites, ticks, "blue-bugs" and disease epidemics. Cans: Pt. 40c, postpaid 50c; qt. 70c, postpaid 85c; gal. \$1.75, postpaid \$2.00.

## Conkey's Pic-end Bitters

A blood-colored distasteful formula to discourage cannibalism in poultry. 2¾-oz. pkg. 25c, ppd. 30c; 7¾-oz. pkg. 65c, ppd. 75c.

## Conkey's Fly Knocker

Does not discolor, is not gummy, does not taint the milk, repels for a long time. Has a knock-down rating of 99 per cent and a kill rating of 73 per cent. Qt. 60c, postpaid 72c; gal. \$1.50, postpaid \$1.73; 5 gals. \$7.25, f.o.b. Baltimore.

## Conkey's Y-O Yeast and Cod-Liver Oil

In powder form. Lb. 60c, postpaid 65c; 2 lbs. \$1.10, postpaid \$1.20; 5 lbs. \$1.75, postpaid \$1.85; 25 lbs. \$6.20; 50 lbs. \$10.75; 100-lb. drum \$19.00, f.o.b. Baltimore.

## Conkey's 100-to-1 Powder

For large round worms. Use 1 pound in 100 pounds of mash. 4 ozs. 30c, postpaid 35c; lb. \$1.00, postpaid \$1.10; 2 lbs. \$1.75, postpaid \$1.86; 5 lbs. \$4.00, postpaid \$4.25.

## Lee's Remedies



**Lee's Acidox.** The value of an acid preparation in taking care of birds infected with coccidiosis is quite generally recognized by the poultry industry. 4-oz. bottle 50c, postpaid 59c; 12-oz. bottle \$1.00, postpaid \$1.10; 32-oz. bottle \$2.00, postpaid \$2.15; ½gal. \$3.50; gal. \$6.50. (Last two sizes, express or freight only.)

**Lee's Mite Killer, Liquid.** Qt. 60c, postpaid 72c; 2 qts. 90c, postpaid \$1.05; gal. \$1.50, express or freight only.

**Lee's Germozone.** The best tonic for poultry.

For roup, cholera, and other diseases. 4-oz. bottle 40c, postpaid 49c; 12-oz. bottle 55c, postpaid 85c; 32-oz. bottle \$1.50, postpaid \$1.65; ½gal. \$2.50; gal. \$4.50. (Last two sizes, express or freight only.)

**Lee's Vapo Spray.** Use around roosts at night in cases of roup, canker, bronchitis and pneumonia. Pt. 50c, postpaid 60c; qt. 75c, postpaid 87c; ½gal. \$1.25; gal. \$2.00. (Last two sizes, express or freight only.)

**Lee's Gizzard Worm Capsule.** Expels worms without sickening the chicken or retarding egg-production. Adult size: 50 capsules 75c, postpaid 80c; 100 capsules \$1.25, postpaid \$1.30. Pullet size: 50 capsules 50c, postpaid 55c; 100 capsules \$1.00, postpaid \$1.05. Chick size: 50 capsules 40c, postpaid 45c; 100 capsules 75c, postpaid 80c.

## Lobax (50% Chlorine)

Used like HTH-15 but is much stronger. 28-oz. can \$1.50, postpaid \$1.65. See page 61

## Sulphur Candles

Temporarily discontinued

## TOXITE

To control coccidiosis, round worm and red mites. Qt. 60c, ppd. 75c; gal. \$1.75, ppd. \$1.95.

## "Black Leaf" Worm Powder

A single-dose flock treatment

¼lb. (treats 100 birds) 75c; 1½ lbs. (treats 600 birds) \$3.00; 3 lbs. (treats 1200 birds) \$5.60.

**BLACK-LEAF 40.** Paint the roosts; it rids the fowl of lice and mites. 1-oz. bottle 36c, postpaid 40c; 5 ozs. \$1.05, postpaid \$1.10; lb. \$2.42, postpaid \$2.52; 2 lbs. \$3.92, postpaid \$4.03; 5 lbs. \$7.40, postpaid \$7.55; 10 lbs. \$12.85, postpaid \$13.05.

**NIATOX SPRAY.** A D.D.T. product for household use against flies, mosquitoes, gnats, clothes moths, ants, fleas, carpet beetles, bedbugs, roaches, etc. Pt. can 35c; qt. can 65c; gal. \$2.35. Postage extra.

**BARN and STOCK SPRAY (50% D.D.T.)** For use on livestock and in stables, barns, etc. 1-lb. pkg. 75c; 3-lb. pkg. \$1.95.

**B.H.C. POULTRY PEST POWDER.** Very economical and effective. Lb. \$1.40.

**B.H.C. LOUSE POWDER.** For lice and ticks on stock. 65c, postpaid 75c.

**NIAGARA INSECT POWDER.** 10% D.D.T. Controls roaches, ants, bedbugs, etc. 8 ozs. 35c.

**BEE BRAND INSECT SPRAY.** A household insecticide containing 1% D.D.T. Kills flies, mosquitoes, fleas, etc. Pt. 30c, postpaid 40c; qt. 50c, postpaid 65c; gal. \$1.65, postpaid \$1.90.

# DON SUNG

A tonic and conditioner for laying hens.  
**Powdered.** Pkg. 50c, \$1.00, \$5.00, \$10.00 and \$20.00, postpaid.



## Walko Tablets

A valuable drinking-water antiseptic for all poultry. Use with every brood of baby chicks. 100 tablets 50c, postpaid 55c; 235 tablets \$1.00, postpaid \$1.05; 1000 tablets \$2.50, postpaid \$2.58; 2000 tablets \$4.00, postpaid \$4.10.

## Group-Over

Formerly called Roup-Over. 50c and \$1.00, postpaid 60c and \$1.10.

## Talcimized Sodium Fluoride

Small size, 1/2 lb. 35c, postpaid 44c; lb. 60c, postpaid 70c; 5 lbs. \$2.50, postpaid \$2.65.

## Avicol

**For Baby Chicks and Turkeys**

Use in drinking water. Pkg. 50c, \$1.00 and \$5.00, postpaid.

## Dog and Cat Flea Powders, Etc. Subject to Sales Tax



**ONE-SPOT** is so called because it requires application only in one spot on the dog to effectively control his fleas. Can, 35c, postpaid 40c.



**Dog Soap (White).** Contains no carbolic acid or coal-tar but is nicely perfumed and produces a fine lather. 25c, postpaid 30c.

**B.B. Shampoo Wash.** For dogs and cats. 50c, postpaid 60c.

## Rudex

Kills and prevents fleas, lice, ticks and other pests that torture dogs, cattle, hogs and horses. 6-oz. bottle 35c, postpaid 40c; 12 ozs. 60c, postpaid 70c; 24 ozs. \$1.00, postpaid \$1.10. Not recommended for cats or cage birds.

**SULFADENE.** See page 64.

## Hammond's Flea Powder

For dogs and cats. Contains 1% rotenone. 50c, postpaid 60c.

**B.B. Flea Killer Powder.** For dogs and cats. 25c, postpaid 30c.

**Flea Not Powder.** 1% Rotenone. 25c, postpaid 30c.

**Play Mouse for Kitty.** 15c, postpaid 17c.

## Meat Balls

Ready baked, a few Meat Balls before or after feeding will keep a dog frisky, healthy and happy. Dogs go nuts about them. 6 ozs. 30c, postpaid 38c; 24 ozs. 75c, postpaid 85c; 5-lb. bag \$2.00, postpaid \$2.15.

For other Dog Supplies, see page 64.

## B. B. POULTRY AND RABBIT FEEDS

Prices on all feeds subject to market fluctuations. Write for prices.

### Starting Mash

Vitamized with sardine oil and dried cheese whey.

A complete ration containing twenty-one high-grade ingredients properly balanced.

**Guaranteed Analysis:** Protein 20%, Fat 3.5%, Fiber 7%, Carbohydrates 55%.

### Broiler Mash

Vitamized with sardine oil and dried cheese whey.

A complete ration containing twenty-one ingredients, including substances that produce the yellow shanks and skin so desirable in broilers.

**Guaranteed Analysis:** Protein 20%, Fat 3.5%, Fiber 7%, Carbohydrates 55%.

### Chick Scratch

**Intermediate Scratch for growing chicks**

Contains fine cracked corn, steel-cut oats, cracked wheat, cracked milo, and millet.

**Guaranteed Analysis:** Protein 10%, Fat 2%, Fiber 4%, Carbohydrates 70%.

### Poultry Grains

	Lb.
Cracked Corn.....	.....
Oats.....	.....
Barley.....	.....
Buckwheat.....	.....
Whole Corn.....	.....

### Growing Mash

Vitamized with sardine oil and dried cheese whey.

A complete growing ration containing twenty-one ingredients, properly balanced for fast development.

**Guaranteed Analysis:** Protein 18%, Fat 3.5%, Fiber 8%, Carbohydrates 55%.

### Conditioning Mash

Vitamized with sardine oil and dried cheese whey.

This complete ration is amply fortified with all the necessary vitamins and proteins, also a wide variety of minerals.

**Guaranteed Analysis:** Protein 14%, Fat 2.5%, Fiber 4%, Carbohydrates 60%.

### Developing Feed

Contains cracked corn, wheat, buckwheat, and milo.

**Guaranteed Analysis:** Protein 10%, Fat 2.5%, Fiber 5%, Carbohydrates 70%.

### Bird Seeds

	Subject to Sales Tax	Lb.
Canary.....	\$0	20
Rape.....	30	
Millet (Red or White).....	12	
Sunflower.....	25	
Wild Bird Seed.....	15	
Hemp.....	50	

### Egg Mash

This is a 20% protein, carefully balanced, vitamin-potent, highly palatable mash.

**Guaranteed Analysis:** Protein 20%, Fat 3.5%, Fiber 9%, Carbohydrates 50%.

### Turkey Mash

**Starter and Grower**

Turkeys require a higher protein and vitamin content in their feed than chickens.

**Guaranteed Analysis: Starter:** Protein 25%, Fat 3.5%, Fiber 7%, Carbohydrates 55%. **Grower:** Protein 18%, Fat 3.5%, Fiber 8%, Carbohydrates 50%.

### Large Scratch

**Guaranteed Analysis:** Protein 10%, Fat 2.5%, Fiber 4%, Carbohydrates 70%.

### Grit, Shell, Charcoal, Etc. Lb.

Poultry Grit (3 sizes).....	\$0 03
Poultry Shell (2 sizes).....	03
Charcoal (3 sizes).....	10

### B. B. Rabbit Pellets

This nutritional Pellet constitutes the complete diet of the rabbit, entirely fulfilling the requirements of pregnant and milking does, breeding males and growing animals. 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.75; 50 lbs. \$3.25; 100 lbs. \$6.25. Postage extra.

## BABY CHICKS, DUCKLINGS, TURKEY POULTS

**Blood-Tested for Pullorum Disease**

We advise placing orders in advance as the demand for chicks is always heavy. Every bird in the breeding flocks has been selected for health, vigor, production and must conform to the type of the breed it represents. Each flock is blood-tested each year and all unsatisfactory birds are removed at once. Hatches every week after the middle of February.

	100
White Leghorns.....	\$17 00
Barred Rocks.....	17 00
White Rocks.....	20 00
Rhode Island Reds.....	17 00
New Hampshire Reds.....	17 00
White Wyandottes.....	20 00
Giants—Black, White.....	20 00
Crosses.....	20 00

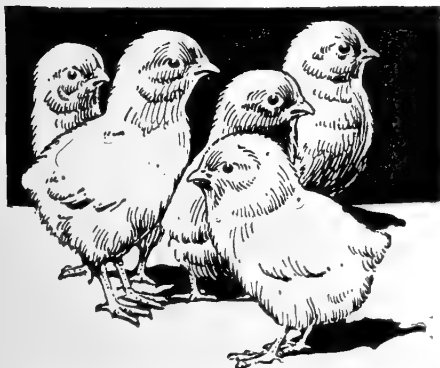
25 and 50 at the 100 rate. All prices on chicks, ducks, and poults subject to change

### TURKEY POULTS

**Mammoth Bronze**, bred from big-breasted mountain-bred stock. Price on request.

### DUCKLINGS

**Mammoth White Peking.** Price on request.



All Items on This Page Subject to Maryland State Tax

## SPRATT'S PATENT DOG FOODS

These are staple and constant foods containing every ingredient necessary for the canine constitution and forming a complete and well-balanced ration. Millions of dogs have been kept in the best of health on nothing but Spratt's.

Spratt's Biscuits have been the standard of the world for upwards of three-quarters of a century and provide a dog-diet for the dog constitution.



### SPIX

A medium-size dog cake for all breeds. The best results are obtained by giving the biscuits dry, not soaked, thereby compelling the dog to gnaw the food and thus producing copious flow of saliva which materially aids digestion. Lb. 20c; 5 lbs. 95c; 10 lbs. \$1.85; 50 lbs. \$8.75. Postage extra.

### OVALS

#### The Pocket Dog Biscuit

Oval Biscuits. Wonderful for all dogs, especially the smaller breeds. Contains plenty of meat; crunchy and satisfying. Price same as above.

### CHARCOAL BISCUITS (Oval Size)

Same as Ovals with pure charcoal added. Black in color. Aid in absorbing intestinal and stomach gases. A safeguard against canine ills. Prices same as above.

### MIXED DOG BISCUITS

Offered for the purpose of giving your dog just the variety of crunchy foods that he needs for the maintenance of stamina and good health. The combination is made up of Spix, Ovals, Charcoal Ovals, Cod-Liver Oil Ovals, and Fish and Meat Ovals, and constitutes an ideal all-the-year-round food. Price same as above.

### D & G Dog Foods

Two sizes: Cakes and Kibbled  
Price the same.

Contain beef, to give the equivalent of a two-thirds meat diet; milk, malt, for digestion and assimilation; molasses, for coat; bonemeal and calcium carbonate, for bone structure; cod-liver oil and alfalfa leaf meal, for vitamins and to improve coat; iodized salt; wheat flour; whole wheat, for proper cereal content. Lb. 15c; 10 lbs. \$1.40; 25 lbs. \$3.25; 50 lbs. \$6.25. Postage extra.

**D & G Mighty Good Meal.** Ingredients like above. Lb. 12c; 10 lbs. \$1.00; 25 lbs. \$2.35; 50 lbs. \$4.50. Postage extra.

### Hunt Club Dog Food A Meal Food

**Guaranteed Analysis:** Protein 23%, Fat 3.5%, Carbohydrates 50%, Fiber 4%.

Hunt Club has a rich meaty flavor that appeals to even the "finicky," hard-to-please dog. It is an excellent food for raising strong, sound, heavy-boned puppies, for grown dogs, also for matrons in whelp and throughout the nursing period. Lb. 13c; 10 lbs. \$1.20; 25 lbs. \$2.75; 50 lbs. \$5.00.

### Framingham Cedar Bedding

Preferred by many dog-owners. 10 lbs. \$1.60, postpaid \$1.80; 25 lbs. \$3.25, postpaid \$3.60; 50 lbs. \$5.50; 100 lbs. \$9.50. 50 lbs. and 100 lbs. f.o.b. Baltimore.

### Fleischmann's Irradiated Dry Yeast for Dogs



Gives the coat a beautiful gloss, helps clear up skin disorders, stops itching, builds stronger bones in puppies, prevents rickets. Four sizes: 3½-oz. can 25c; 8-oz. can 50c; 1-lb. can 85c. Postpaid 30c, 59c, and 95c.

### SULFADENE

Does your dog itch or scratch? Don't blame fleas, mange or diet. If your dog itches, scratches continually, it's probably **Fungitch**, grass-borne fungus infection long a puzzle to science. **Fungitch** starts as an itch followed by dandruff-like scales or sores with brownish edges and mouldy odor—or infection in ears, in paws, underbody, tail or eyes. May lead to most serious results.

**Sulfadene**, applied externally, stops itching in minutes, clears up scales and sores in a few days. Generous treatment—4-oz. bottle 98c, postpaid \$1.08.



### COMMON-SENSE COCKROACH PREPARATION

Best yet. 25c, postpaid 33c.  
**Tate Roach Trap.** 35c, postpaid 40c.

### Roach-Notes

A biologically tested material that will help to exterminate roaches, ants, and silverfish. Household size 25c, postpaid 30c; hotel and restaurant size \$1.00, postpaid \$1.10.

### Talcimized Sodium Fluoride

Extra good roach killer

Small size, ½ lb. 35c, postpaid 44c; 1 lb. 60c, postpaid 70c; 5 lbs. \$2.50, postpaid \$2.65.

**B.B. Roach Killer Powder.** 25c, postpaid 35c.

**D.D.T. 10% (Tat) Insect Dust.** For pets. 25c, postpaid 35c.

**NIAGARA INSECT POWDER.** Contains 10% D.D.T. Excellent for household use—to eliminate insects. 8-oz. canister 35c, postpaid 43c; 1-lb. canister 60c, postpaid 70c.

**Rudex.** Insect killer for dogs. 30c, postpaid 39c; 60c, postpaid 70c; large size, 6 ozs. \$1.00, postpaid \$1.10.

### Cyanogas

#### Calcium Cyanide (Crude)—A-Dust

Kills rats, mice, moles, pocket gophers, ground squirrels, woodchucks, ants, fleas, bees, roaches, and moths. Lb. 75c, postpaid 85c; 5 lbs. \$3.00, postpaid \$3.15.

**MOLOGEN.** Eliminates moles in short time. ½ lb. 50c, postpaid 58c; 1½ lbs. \$1.25, postpaid \$1.35; 5 lbs. \$4.00, postpaid \$4.15.

**MOLE NOTS.** Protect lawns, gardens, flower-beds and golf courses from the ravages of moles, gophers, and field-mice. A 35c package will treat about 40 feet of runs. 35c, postpaid 40c; estate size \$1.00, postpaid \$1.10.

**MO-GO.** Poisoned nuts. Kills moles and gophers. 35c, postpaid 40c.

## Common Sense Exterminator



# KILLS RATS

*Why feed rats when a 25c can of "Common Sense" will clean them out? Postpaid 33c.*

### Rat-Not-Paste

Recommended for big, well-fed elusive rats which dodge cats and traps and are finicky in their eating habits. Tube 35c, postpaid 43c; large size, \$1.00, postpaid \$1.08.

**Formula 83. "Antu" (Tat).** So powerful that one lick kills. Pkg. 35c, postpaid 40c; large size \$1.00, postpaid \$1.10.



### Rat-Not

Non-poisonous raticide of exceptional merit. **HARMLESS TO HUMANS, DOGS, CATS, LIVESTOCK.** In prepared bait form—no mixing, no fuss, no muss. Based on active materials as recommended by U. S. Department of Agriculture. Household size 25c, postpaid 30c. Estate or Farm size \$1.00, postpaid \$1.10.

### K-R-O (Kills Rats Only)

Will not injure human beings, livestock, dogs, cats, poultry, yet is deadly to rats and mice every time. Made of powdered squill. Pkg. (sufficient to kill 200 or more rats) 75c, postpaid 80c.

### Pastoxine

#### Non-Poisonous. Concentrated

Positively no danger to man, domestic animals and poultry. It is non-poisonous. Does not contain phosphor baryta or other mineral poison. Net contents 1 ounce (will kill 100 rats and mice), 60c, postpaid 65c. Large size (enough to kill 2000 rats), \$5.00, postpaid \$5.15.



### Mouse-Notes

The new modern way to destroy mice in house or garden. Impregnated prepared seed-bait, easy to use, clean, sanitary, no mixing, no traps needed. Household size 25c, postpaid 30c. Farm size \$1.00, postpaid \$1.10.



### R-L Mouse Seed

A small seed chemically treated. Very clean and easy to use. No baits, no traps, no muss. Does not dry up or spoil. Excellent to use when closing homes or camps. A supply is always exposed, thus killing mice when they first enter. 25c, postpaid 30c.

**1-3-5 E. Lombard St.  
Baltimore 2, Md.**

Date ..... 1948

P. O. or  
R. F. D. Address.....

Freight or  
Express Address.....

State.....

Superintendent's or  
Gardener's name.....

Filled by	Double Checked by	Shipped by	Notified
Date	Date	Date	Date

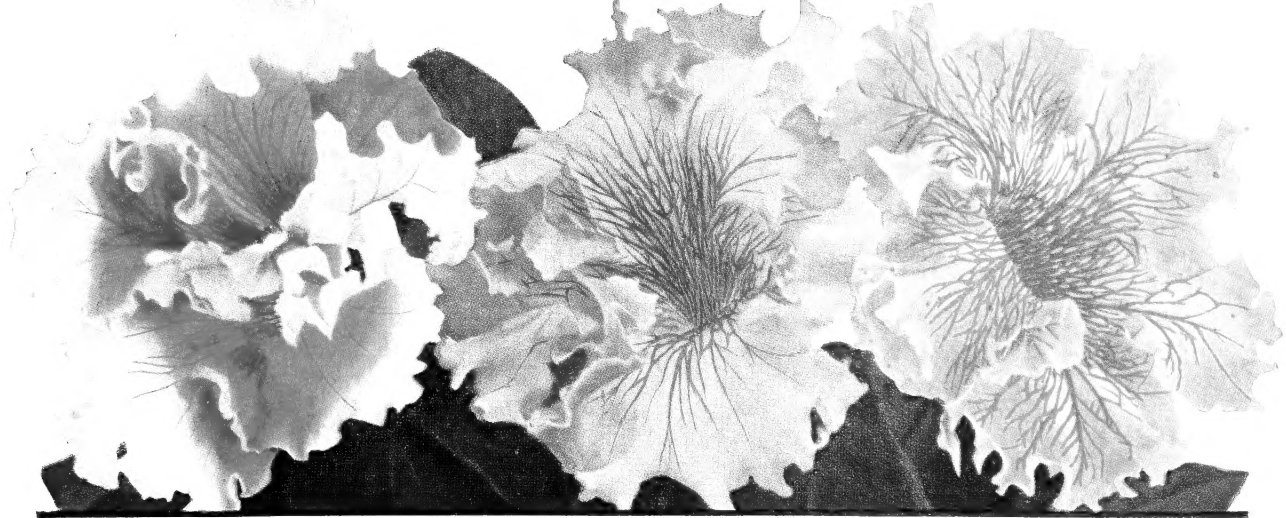
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Date	Date	Date	Date

AMOUNT FORWARD

It is always best to write letters and inquiries on a separate memorandum. NOT on order sheets.







**124. PETUNIA, Superbissima, Mixed Colors.** Single Giant of California in a wonderful range of color. Pkt. 25c.

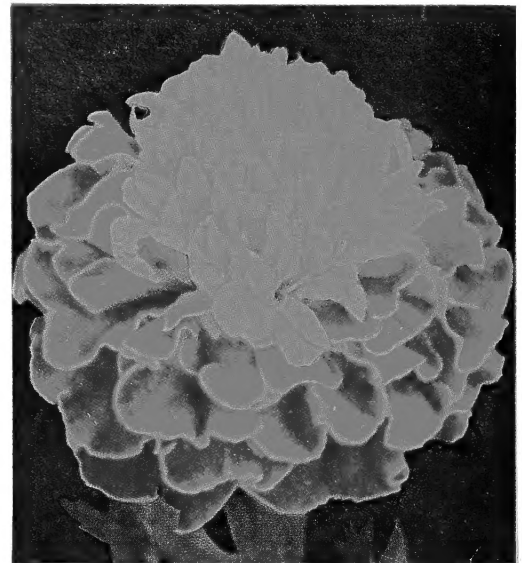
*Lovely* **ANNUAL  
FLOWERS**

***Offer No. 1***

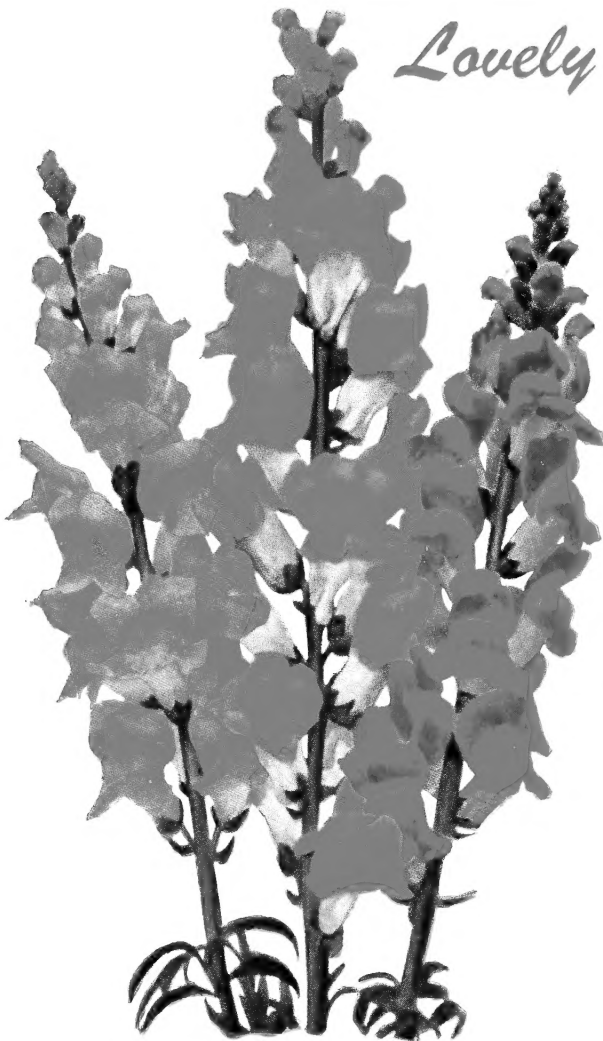
One pkt. each of  
PETUNIA  
SNAPDRAGON  
MARIGOLD

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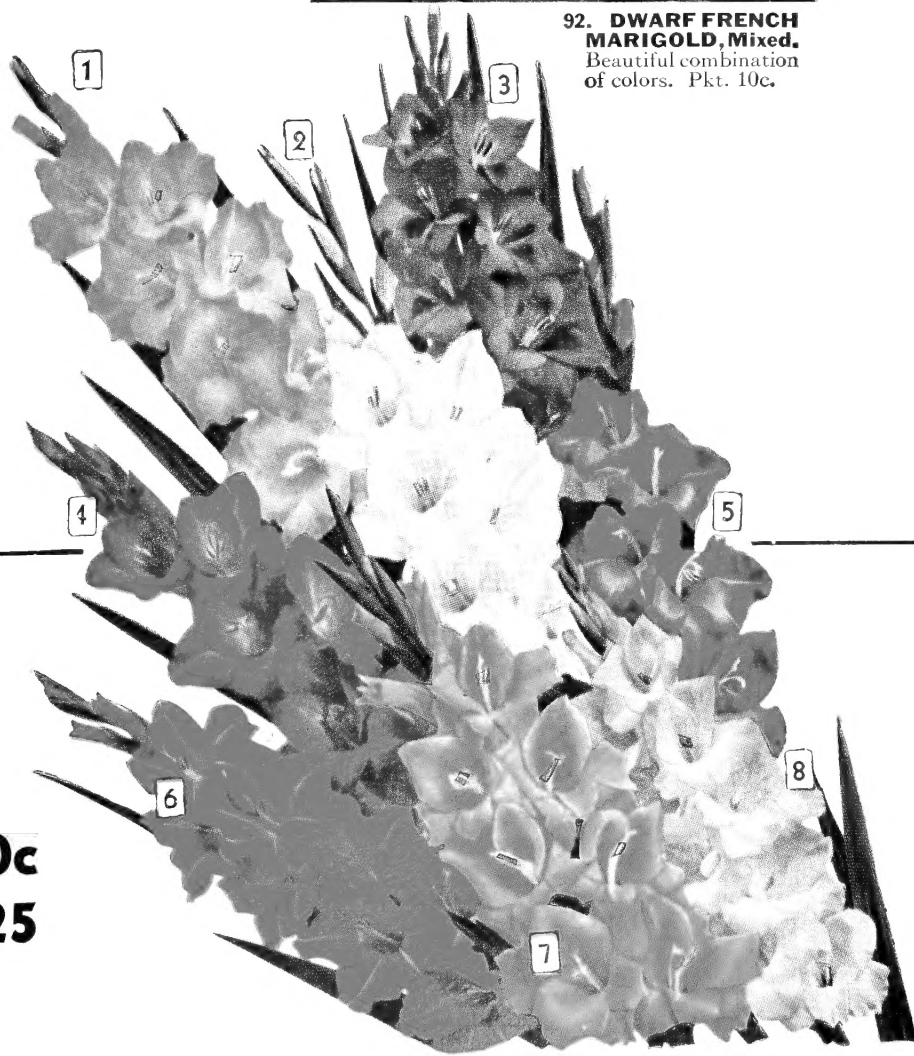
**40c**



**92. DWARF FRENCH  
MARIGOLD, Mixed.**  
Beautiful combination  
of colors. Pkt. 10c.



**7. SNAPDRAGON, New Rustless Tall, Mixed.**  
Grand assortment of colors, fine for cutting. Pkt. 10c.



**SUPERFINE GLADIOLUS**

1. **Picardy.** Shrimp-pink.
2. **Snow Princess.** Pure white.
3. **Blue Beauty.** Purplish blue.
4. **Van Tienhoven.** Brilliant red.
5. **Beacon.** Rose-scarlet with cream blotch.
6. **Rocket.** Vivid scarlet.
7. **Oregon Gold.** Lovely light yellow.
8. **Rosa van Lima.** Light pink and orchid.

***Offer No. 2*** One each of the above outstanding gladiolus **80c**

***Offer No. 3*** Three of each for **\$2.25**

56. *Cosmos*,  
*Orange Flare*  
Pkt. 10c.

221. *Anchusa*  
*Italica, Dropmore.*  
Pkt. 10c.

244A. *Delphinium*,  
*Pacific Hybrids.*  
Pkt. 25c.

41. *Cornflower*,  
*Jubilee Gem.*  
Pkt. 15c.

*Offer*  
*No. 4*

One pkt. each  
of  
*Cosmos*, *Corn-*  
*flower*, *Zinnia*,  
*Morning-Glory*  
for 35c

*Offer*  
*No. 5*

One pkt. each  
of  
*Anchusa* and  
*Delphinium*  
for 30c

194. *Zinnia*,  
*Canary Bird.*  
Pkt. 10c.

108. *Morning-Glory*,  
*Heavenly Blue.*  
Pkt. 10c.

*The* MEYER SEED CO., BALTIMORE 2, MARYLAND